查询PCN10-020P-2.54DSA供应商

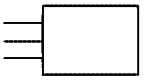
Product Compliant to DIN41612/IEC603-2 Standard

PCN Series

Pin Header Side

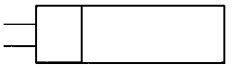
●Straight through hole type

PCN10 - ✻ ✻P-2.54DSA



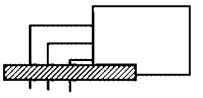
●Stacking through hole type

PCN10H✻ - ✻ ✻P-2.54DSA



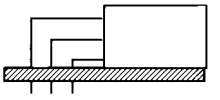
●Right angle through hole type (mounted on the board edge)

PCN10 -✻ ✻P-2.54DS
PCN12 -✻ ✻P-2.54DS
PCN12E -✻ ✻P-2.54DS

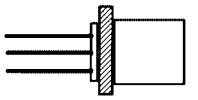


●Right angle through hole type (mounted on the board)

PCN10A -✻ ✻P-2.54DS
PCN10EA-✻ ✻P-2.54DS
PCN12A -✻ ✻P-2.54DS
PCN12EA-✻ ✻P-2.54DS



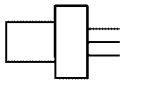
●Press fit type



PCN11-✻ ✻P-2.54W✻ -2+PCN11-✻ ✻P-2.54H-2

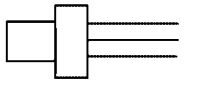
Receptacle Side

●Straight through hole



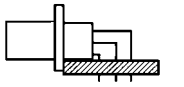
PCN10 -✻ ✻S-2.54DSA
PCN10C -✻ ✻S-2.54DSA
PCN10EA-✻ ✻S-2.54DSA
PCN10D -✻ ✻S-2.54DSA
PCN12 -✻ ✻S-2.54DSA
PCN12E -✻ ✻S-2.54DSA
PCN13 -✻ ✻S-2.54DSA

●Wrapping type



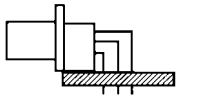
PCN10 -✻ ✻S-2.54W✻

●Right angle through hole type (mounted on the board edge)



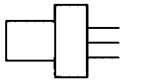
PCN10B -✻ ✻S-2.54DS

●Right angle through hole type (mounted on the board)



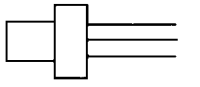
PCN10A -✻ ✻S-2.54DS
PCN10C -✻ ✻S-2.54DS
PCN13 -✻ ✻S-2.54DS

●Press fit short pin type



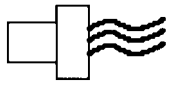
PCN11-✻ ✻S-2.54PFB-2

●Press fit long pin type



PCN11-✻ ✻S-2.54WB-2

●Cable type



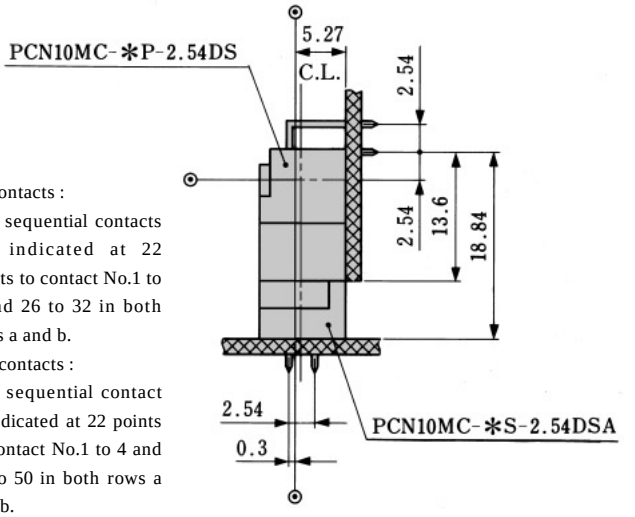
PCN10-✻ ✻S-2.54C+PCN10-✻ ✻ ✻ ✻SC✻
PCN10-✻ ✻S-2.54R

◆Application Pattern

■Circuit Protection Function Type

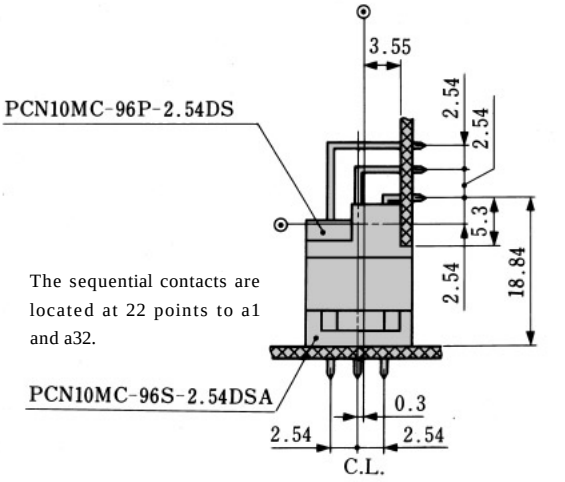
◉ : Mounting hole center
C.L. : Center line

●2-row type



64 contacts :
The sequential contacts are indicated at 22 points to contact No.1 to 4 and 26 to 32 in both rows a and b.
100 contacts :
The sequential contact is indicated at 22 points to contact No.1 to 4 and 44 to 50 in both rows a and b.

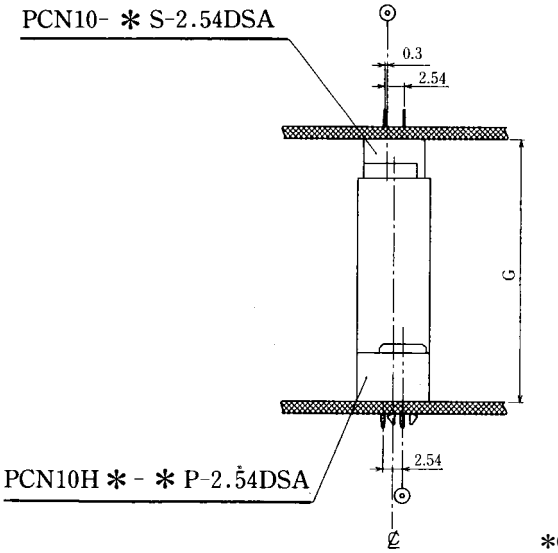
●3-row type



The sequential contacts are located at 22 points to a1 and a32.

■Stacking Connector

◉ : Mounting hole center
C.L. : Center line

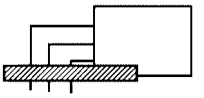


*G : 35, 30, 25, 45, 40

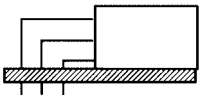
■Coaxial Connector and High Current Contact Composite Type

Pin Header Side

●Right angle through hole type (mounted on the board edge)
PCN10F-✻ ✻P-2.54DS

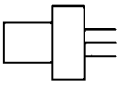


●Right angle through hole type (mounted on the board)
PCN10FA-✻ ✻P-2.54DS

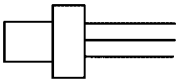


Receptacle Side

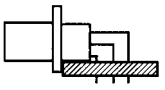
●Straight through hole type
PCN10F -✻ ✻S-2.54DSA



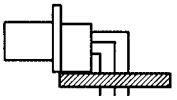
●Wrapping type
PCN10F -✻ ✻S-2.54W✻



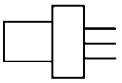
●Right angle through hole type (mounted on the board edge)
PCN10FB-✻ ✻S-2.54DS



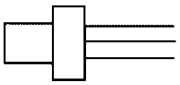
●Right angle through hole type (mounted on the board)
PCN10FA-✻ ✻S-2.54DS



●Press fit short pin type
PCN11F-✻ ✻S-2.54PFB-2



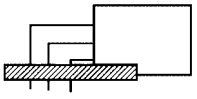
●Press fit long pin type
PCN11F-✻ ✻S-2.54WB-2



Circuit Protection Function Type

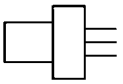
Pin Header Side

●Right angle through hole type
PCN10MC✻-✻ ✻P-2.54DS

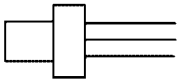


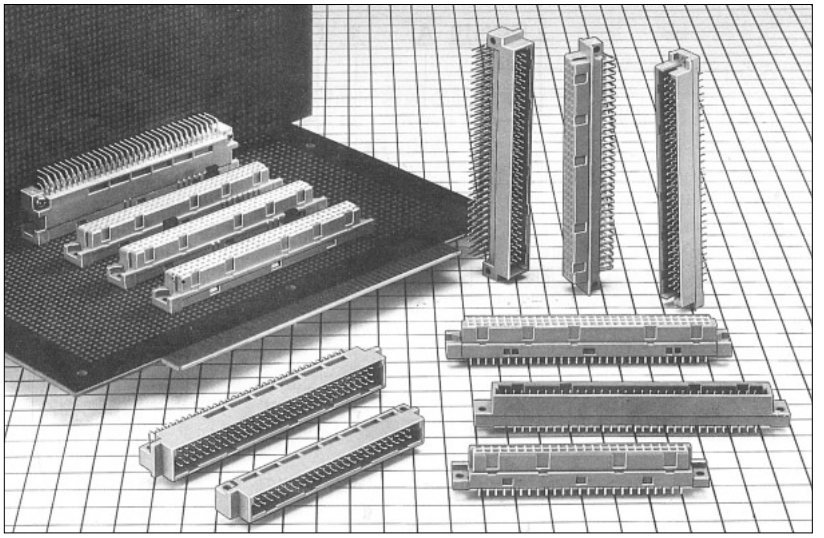
Receptacle Side

●Straight through hole type
PCN10MC✻-✻ ✻S-2.54DSA



●Wrapping type
PCN10MC✻-✻ ✻S-2.54W✻





PCN Series

■Features

1. Compliant with DIN Standard

Comply with IEC603-2/DIN41612 standard.

2. Variation in number of contacts

10, 16, 20, 24, 28, 30, 32, 44, 48, 50, 64, 90, 96, 100, 128, and 144 contacts are available.

3. Two point contact construction

PCN10 and 12 series are constructed with high reliable double-sided two point contacts.

PCN13 series pursues after cost performance, and constructed with single sided two point contacts.

4. Broad applications

DIN standard types of B, C, R, and Q are available. The flux tight product is available. The easy lock pin type to prefix the board is available.

5. Stacking height variation

PCN10H series contains 25, 30, 35, 40 and 45mm stacking height.

6. Circuit protection function available

PCN10MC series utilizes a sequence structure for circuit protection function.

7. Cable connector

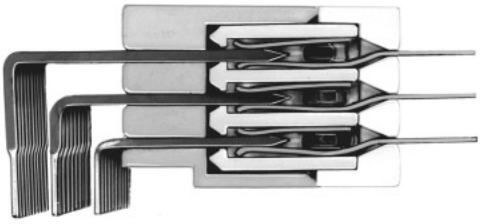
ID connector for ribbon cable is available.

The connector is prepared for crimping connection for AWC#26 to 30 cables.

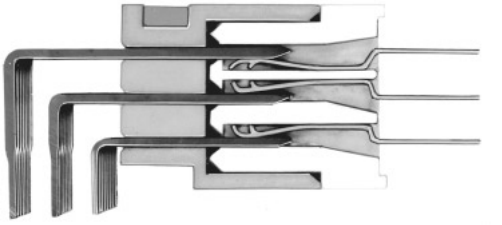
■Application

Control equipment, exchange, measuring instruments etc.

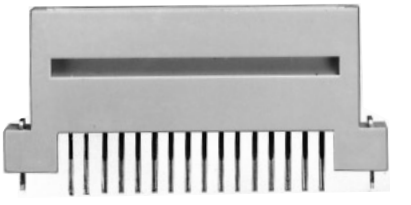
Double-sided two point Contact System



Single-sided two point Contact System



Stacking Connector



■Product Specifications

Rating	Current rating: 2A Voltage rating: 300V AC	Operating Temperature Range: -55 to +85℃ (Note 1) Operating Humidity Range: 85% max	Storage Temperature Range: -10 to +60℃ (Note 2) Storage Humidity Range: 40 to 70% (Note 2)

Item	Specification	Condition
1.Insulation Resistance	10^6M ohms	100V DC
2.Withstanding Voltage	No flashover or insulation breakdown.	1000V AC (insulation displacement, crimping type: 650V AC) /1 minute.
3.Contact Resistance	20m ohms max.	0.1A
4.Vibration	No electrical discontinuity of 10μs or more	Frequency: 10 to 55 Hz, single amplitude of 0.75 mm, 2 hours in each of the 3 directions.
5.Humidity(Steady state)	Insulation resistance : 10^6M ohms min.	96 hours at temperature of 40℃ and humidity of 90% to 95%
6.Temperature Cycle	No damage, cracks, or parts looseness.	(-65℃ : 30 minutes→15 to 35℃: 5 minutes max.→ 125℃ : 30 minutes→15 to 35℃: 5 minutes max.) 5 cycles
7.Durability (Mating/un-mating)	Contact resistance : 20m ohms max.	500 cycles
8.Resistance to Soldering heat	No deformation of components affecting performance.	Manual soldering: 300℃ for 3 seconds

Note 1: Includes temperature rise caused by current flow.
Note 2: The term "storage" refers to products stored for long period of time prior to mounting and use. Operating Temperature Range and Humidity range covers non conducting condition of installed connectors in storage, shipment or during transportation.

■Material

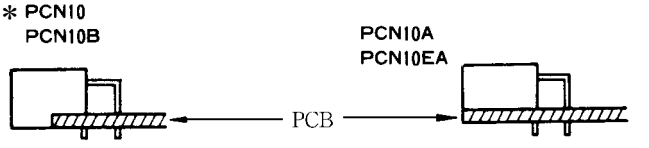
Parts		Material	Finish	Remarks
Insulator		PBT	Gray	UL94V-0
Contact	Pin header	Brass	Contact area: Gold plated	———
	Receptacle	Copper alloy	Remainer: Tin-lead plated	———

■Ordering Information

●PCN 10 Series

PCN10 A – ✻ P – 2.54 DS
❶ ❷ ❸ ❹ ❺ ❻

❶ Series Name : PCN10	❸ Number of contacts: 2-row : 16, 20, 24, 32, 44, 50, 64, 90, 100 3-row : 48, 96, 144 4-row : 128
❷ Blank, A, B } mold type (as listed below) C : Flux prevention type (DSA only) D : Rack installation type EA : With Board prefixed lock pin H : Stacking height 35mm type HA : Stacking height 30mm type HB : Stacking height 25mm type HC : Stacking height 45mm type HD : Stacking height 40mm type MC : Circuit Protection function type	❹ Connector type : P : Pin header : S : Receptacle ❺ Contact pitch : 2.54mm ❻ Contact type DS : Right angle through hole type DSA : Straight through hole type WA : Wrapping type (0.5tx0.7W) WB : Wrapping type (0.5tx0.5W) R : Insulation displacement type C : Crimping type



✻ The receptacle double-row right angle type indicates the type of PCN10A type.

●PCN 12 Series (Plug)

PCN12 A - ＊ P - 2.54 DS
❶ ❷ ❸ ❹ ❺ ❻

❶ Series name : PCN12	❸ Number of contacts : 2-row: 10, 16, 20, 24, 28, 32, 44, 50, 64, 90, 100 3-row: 96
❷ No symbol : DIN standard type C (96 Contacts) A : Original type E-EA : With board prefixed lock pin type	❹ P : Plug
	❺ Contact pitch : 2.54mm
	❻ Contact type : DS: Right angle through hole type

●PCN 12E-＊S-2.54 DSA(Socket)

PCN12 E - ＊ S - 2.54 DSA
❶ ❷ ❸ ❹ ❺ ❻

❶ Series name : PCN12	❹ S : Socket
❷ No symbol : Standard type E : With board prefixed lock pin type	❺ Contact pitch : 2.54mm
	❻ Contact type : DSA: Straight through hole type
❸ Number of contacts : 2-row: 10, 16, 20, 28, 32, 44, 50, 64, 90, 100 3-row: 96	

●PCN 13E-＊S-2.54 DSA (Socket)

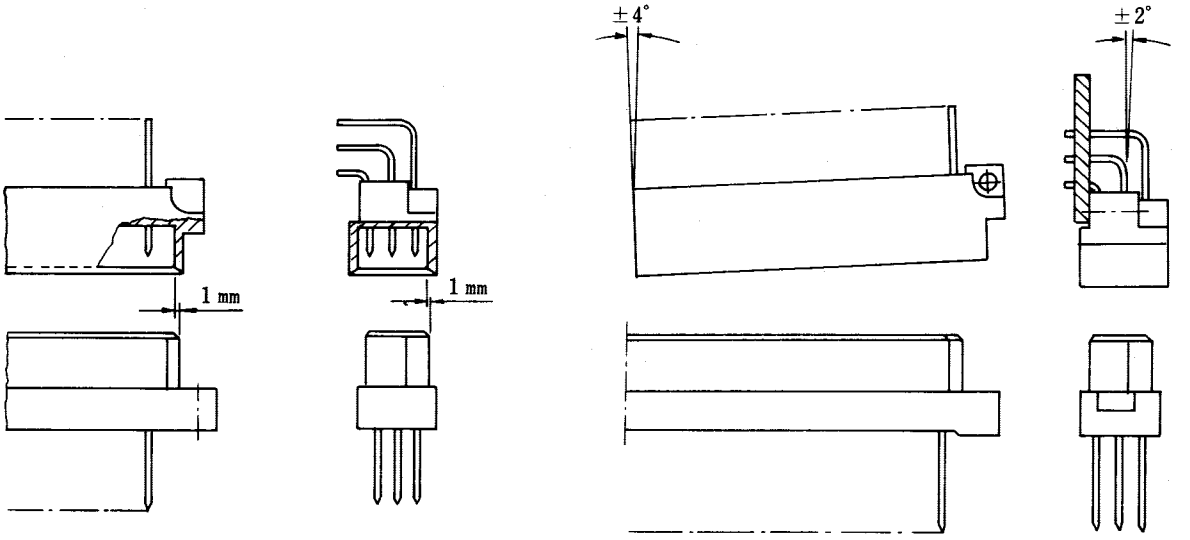
PCN13 E - ＊ S - 2.54 DSA
❶ ❷ ❸ ❹ ❺ ❻

❶ Series name : PCN13	❹ S : Socket
❷ No symbol : Standard type E : With board prefixed easy pin type	❺ Contact pitch : 2.54mm
	❻ Contact style : DS: Right angle through hole type : DSA: Straight through hole type
❸ Number of contacts : 2-row: 10, 16, 20, 30, 32, 44, 50, 64, 90, 100 3-row: 48, 96	

＊PCN13 series are only socket type.
PCN10 and 12 series are mating connectors.

◆DIN Connector Mating Condition

DIN connectors of Hirose should be used under conditions as illustrated below.



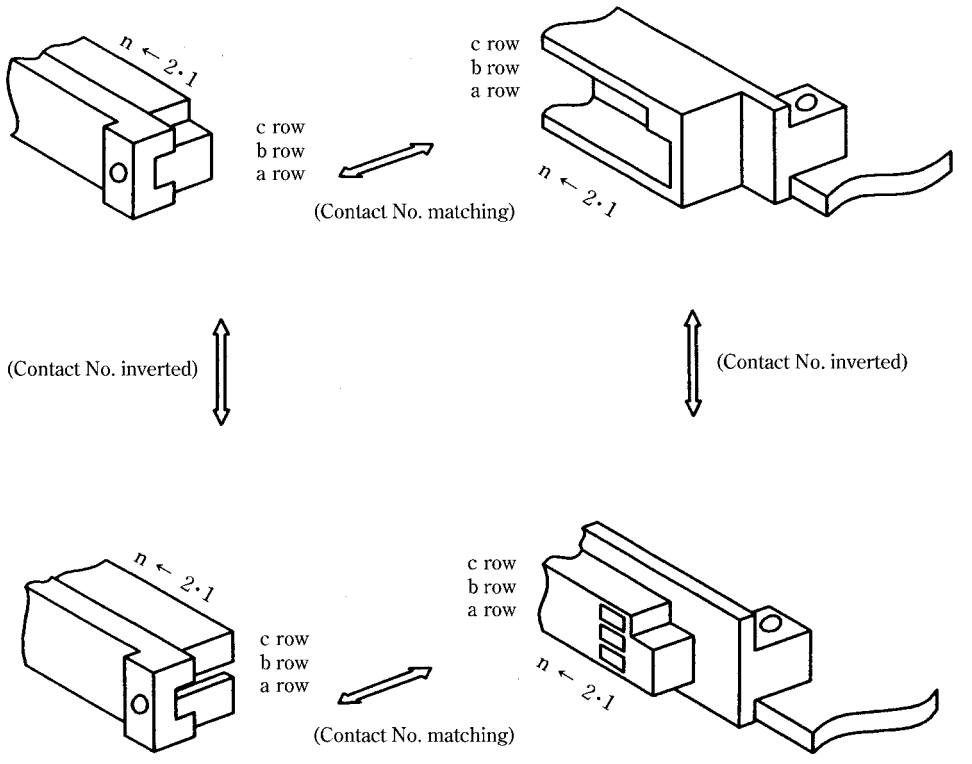
◆Contact numbers

According to the inter-combination with DIN standard type C (type B) and type R (type Q), the contact numbers and row numbers represent contact No. (No.1 to 32) and row No. (a, b, c).

●DIN standard type C and type R represent the 3-row 96 contacts type, including 32 contacts in single-row.
●DIN standard type B and type Q represent the 2-row 64 contacts type, including 32 contacts in single-row.

①Receptacle straight type
Type C (Type B)

②Pin header right angle type
Type C (Type B)

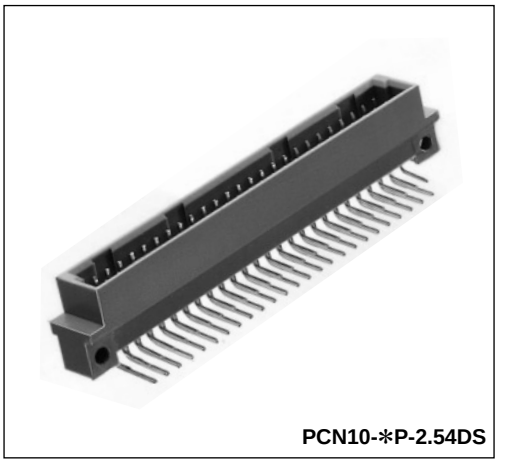


③Pin header straight type
Type R (Type Q)

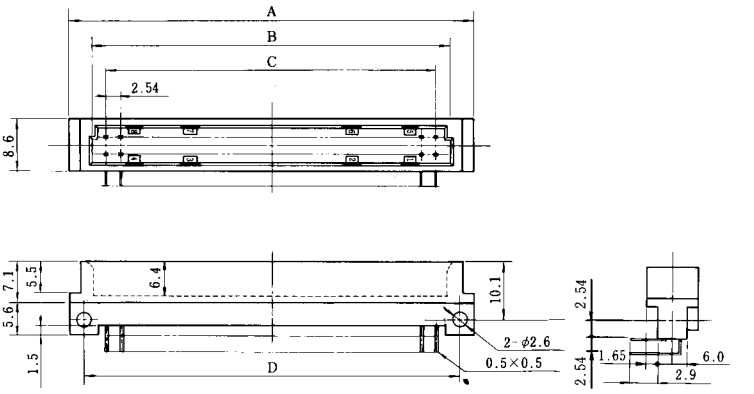
④Receptacle right angle type
Type R (Type Q)

Note: The DIN connector is basically standardized in combination with straight and right angle types. As shown above in illustrationss;
The contact numbers is matched in combination with (1)-(2) and (3)-(4), while the contact numbers are inverted in combination with (1)-(2) and (3)-(4).

■Pin Header: 2-row Right Angle Type (DIN standard type B)



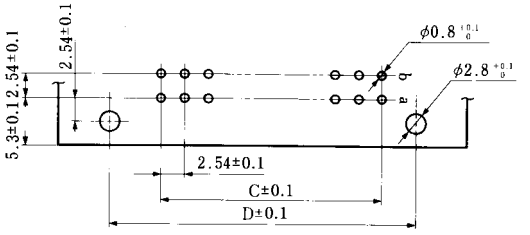
PCN10-✻P-2.54DS



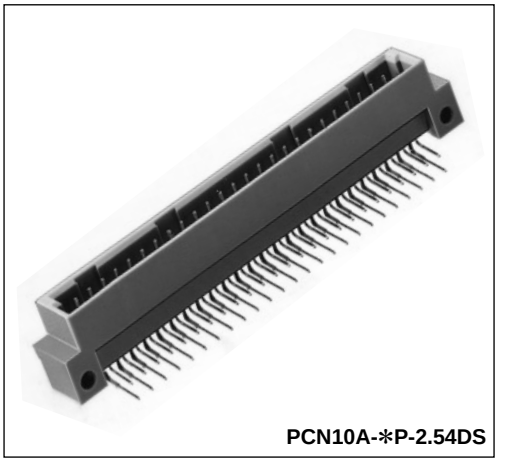
Unit:mm

Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10- 16P-2.54DS	583-0230-9	16	33.04	24.39	17.78	27.94
PCN10- 20P-2.54DS	583-0077-3	20	38.12	29.47	22.86	33.02
PCN10- 32P-2.54DS	583-0015-6	32	53.36	44.71	38.1	48.26
PCN10- 44P-2.54DS	583-0038-1	44	68.6	59.95	53.34	63.5
PCN10- 50P-2.54DS	583-0016-9	50	76.22	67.57	60.96	71.12
PCN10- 64P-2.54DS	583-0017-1	64	94	85.35	78.74	88.9
PCN10- 90P-2.54DS	583-0018-4	90	127.02	118.37	111.76	121.92
PCN10-100P-2.54DS	583-0113-5	100	139.72	131.07	124.46	134.62

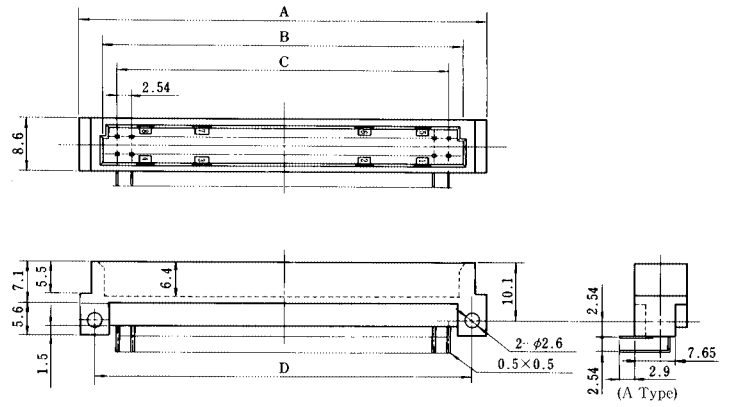
◆PCB mounting pattern



■Pin Header: 2-row Right Angle Type



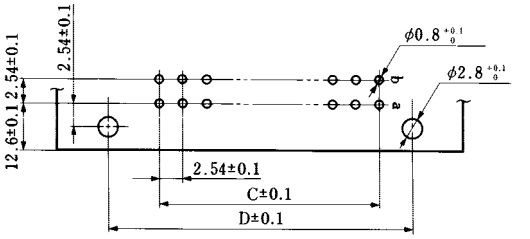
PCN10A-✻P-2.54DS



Unit:mm

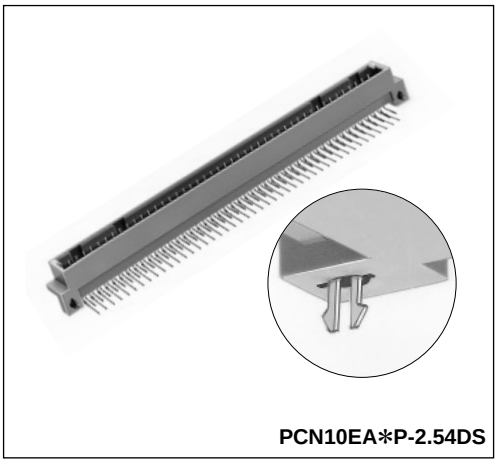
Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10A- 16P-2.54DS	583-0231-1	16	33.04	24.39	17.78	27.94
PCN10A- 20P-2.54DS	583-0078-6	20	38.12	29.47	22.86	33.02
PCN10A- 32P-2.54DS	583-0011-5	32	53.36	44.71	38.1	48.26
PCN10A- 44P-2.54DS	583-0039-4	44	68.6	59.95	53.34	63.5
PCN10A- 50P-2.54DS	583-0012-8	50	76.22	67.57	60.96	71.12
PCN10A- 64P-2.54DS	583-0013-0	64	94	85.35	78.74	88.9
PCN10A- 90P-2.54DS	583-0014-3	90	127.02	118.37	111.76	121.92
PCN10A-100P-2.54DS	583-0114-8	100	139.72	131.07	124.46	134.62

◆PCB mounting pattern



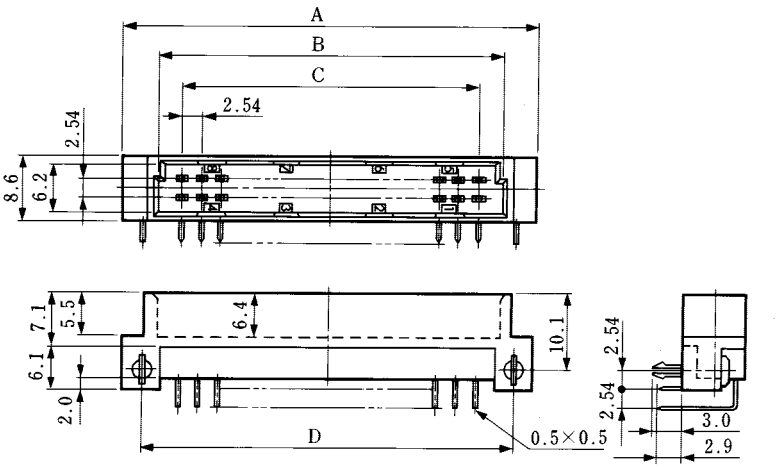
■Pin Header: 2-row Right Angle Type

●With Board prefixed lock pin



PCN10EA∗P-2.54DS

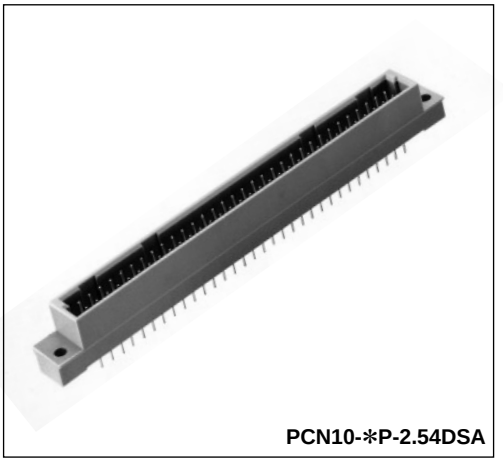
●The PCB mounting pattern is equivalent to PCN10A-∗P-2.54DS.
(Refer to page A34.)



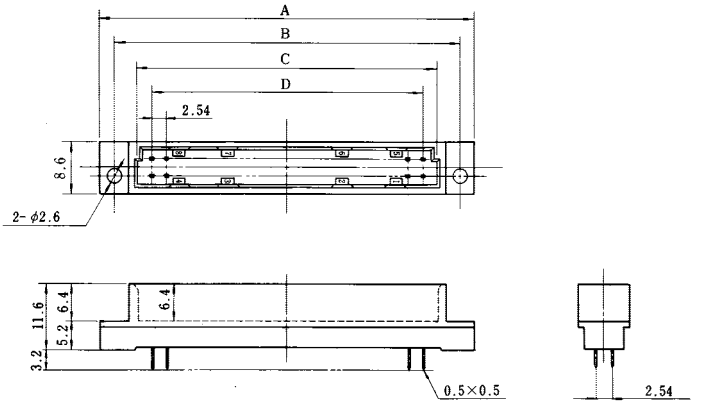
Unit:mm

Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10EA- 16P-2.54DS	583-0256-2	16	33.04	24.39	17.78	27.94
PCN10EA- 20P-2.54DS	583-0181-5	20	38.12	29.47	22.86	33.02
PCN10EA- 32P-2.54DS	583-0182-8	32	53.36	44.71	38.1	48.26
PCN10EA- 44P-2.54DS	583-0183-0	44	68.6	59.95	53.34	63.5
PCN10EA- 50P-2.54DS	583-0184-3	50	76.22	67.57	60.96	71.12
PCN10EA- 64P-2.54DS	583-0185-6	64	94	85.35	78.74	88.9
PCN10EA- 90P-2.54DS	583-0186-9	90	127.02	118.37	111.76	121.92
PCN10EA-100P-2.54DS	583-0187-1	100	139.72	131.07	124.46	134.62

■Pin Header: 2-row Straight Type



PCN10-∗P-2.54DSA



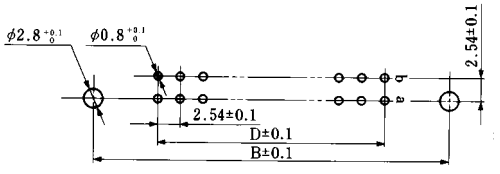
∗Type Q differs in the outer dimensions and PCB mounting pattern.

Unit:mm

Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10- 20P-2.54DSA	583-0139-9	20	43.3	38.1	29.47	22.86
PCN10- 32P-2.54DSA	583-0007-8	32	58.54	53.34	44.71	38.1
PCN10- 44P-2.54DSA	583-0488-8	44	73.78	68.58	59.95	53.54
PCN10- 50P-2.54DSA	583-0008-0	50	81.4	76.2	67.57	60.96
PCN10- 64P-2.54DSA	583-0009-3	64	99.18	93.98	85.35	78.74
PCN10- 90P-2.54DSA	583-0010-2	90	132.2	127	118.37	111.76
PCN10-100P-2.54DSA	583-0251-9	100	144.9	139.7	131.07	124.46

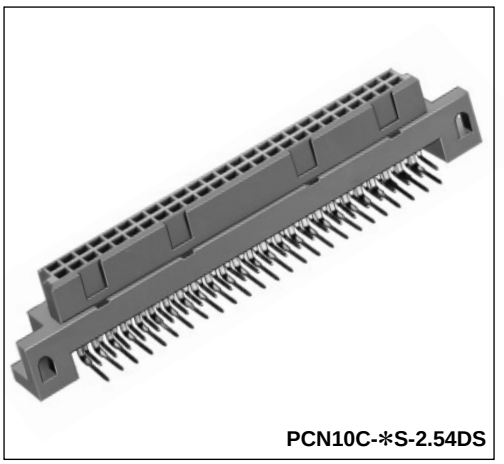
Note: DIN standard type Q (Reverse type of type B) indicates PCN10Q-64P-2.54DSA.

◆PCB mounting pattern

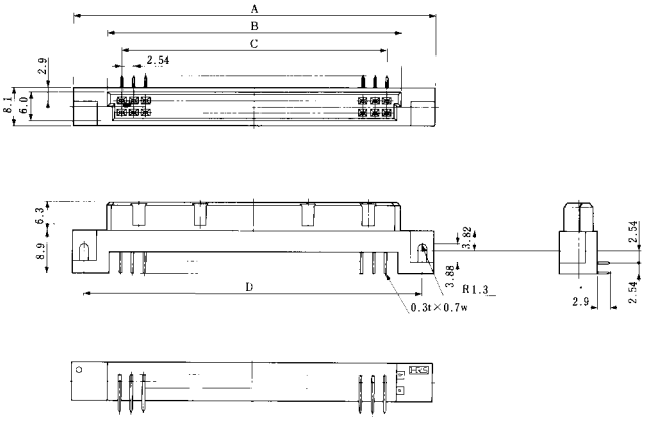


Note

■Receptacle: 2-row Right Angle Type

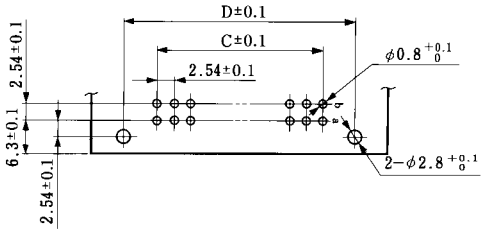


PCN10C-∗S-2.54DS



∗Type Q differs in the external size and PCB mounting pattern.

◆PCB mounting pattern

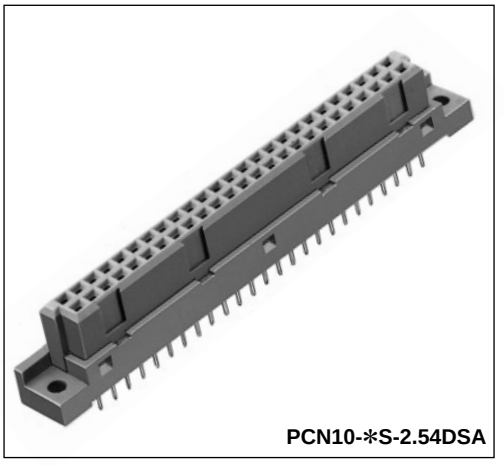


Unit:mm

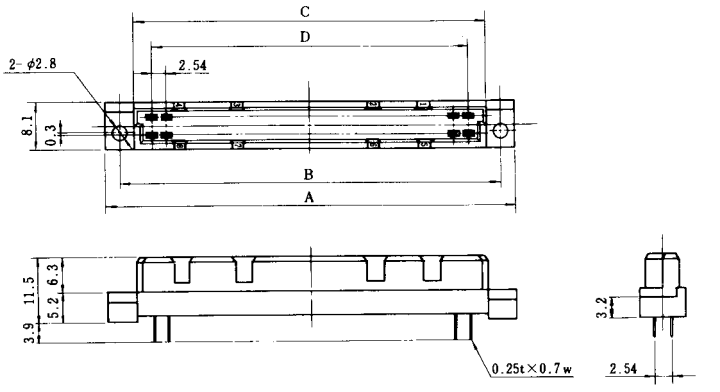
Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10C-20S-2.54DS	583-0201-0	20	43.1	29.12	22.86	38.1
PCN10C-32S-2.54DS	583-0202-3	32	58.34	44.36	38.1	53.34
PCN10C-44S-2.54DS	583-0052-2	44	73.58	59.6	53.34	68.58
PCN10C-50S-2.54DS	583-0168-7	50	81.2	67.22	60.96	76.2
PCN10C-60S-2.54DS	583-0174-0	60	93.9	79.92	73.66	88.9
Note PCN10C-64S-2.54DS	583-0203-6	64	98.98	85	78.74	93.98
PCN10C-90S-2.54DS	583-0204-9	90	132	118.02	111.76	127
PCN10C-100S-2.54DS	583-0178-0	100	144.7	130.72	124.46	139.7

Note: DIN standard type Q (Reverse type of type B) indicates PCN10B-64S-2.54DS.

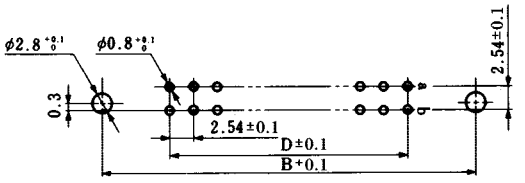
■Receptacle: 2-row Straight Type (DIN standard type B)



PCN10-∗S-2.54DSA



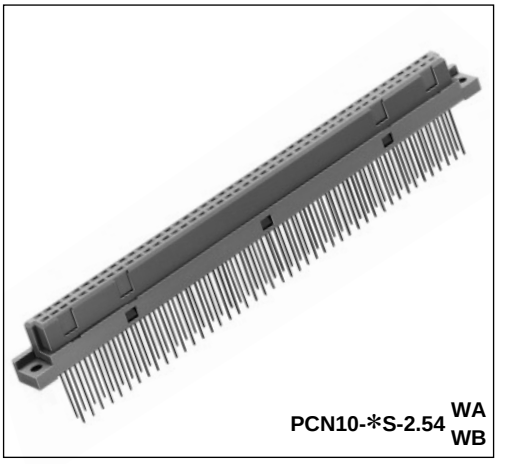
◆PCB mounting pattern

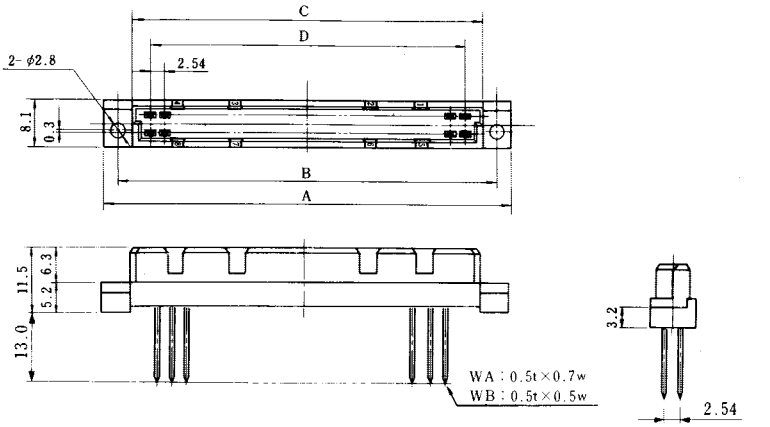


Unit:mm

Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10-32S-2.54DSA	583-0019-7	32	54.36	49.36	44.36	38.1
PCN10-50S-2.54DSA	583-0020-6	50	77.22	72.22	67.22	60.96
PCN10-64S-2.54DSA	583-0021-9	64	95	90	85	78.74
PCN10-90S-2.54DSA	583-0022-1	90	128.02	123.02	118.02	111.76

■Receptacle: 2-row Wrapping Type (DIN standard type B)

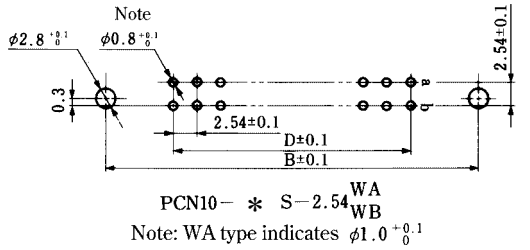




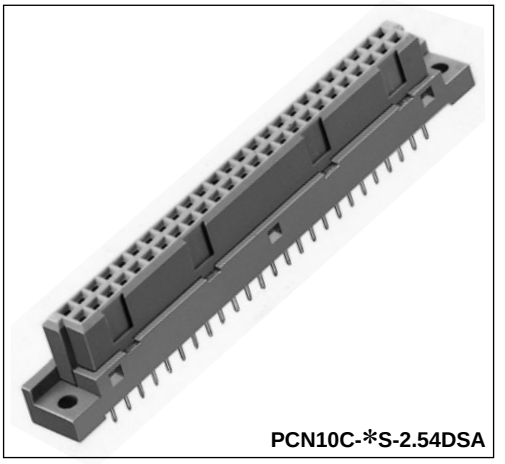
Unit:mm

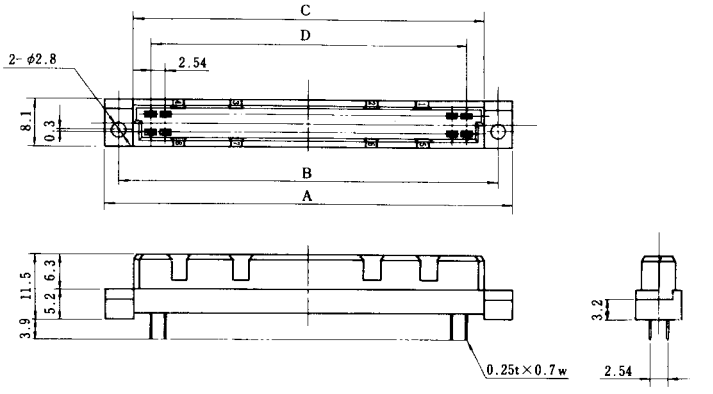
Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10-32S-2.54WA	583-0107-2	32	54.36	49.36	44.36	38.1
PCN10-32S-2.54WB	583-0067-0	32	54.36	49.36	44.36	38.1
PCN10-50S-2.54WB	583-0068-2	50	77.22	72.22	67.22	60.96
PCN10-64S-2.54WA	583-0109-8	64	95	90	85	78.74
PCN10-64S-2.54WB	583-0069-5	64	95	90	85	78.74
PCN10-90S-2.54WA	583-0110-7	90	128.02	123.02	118.02	111.76
PCN10-90S-2.54WB	583-0070-4	90	128.02	123.02	118.02	111.76

◆PCB mounting pattern



■Flux Prevention Type (DIN standard type B)

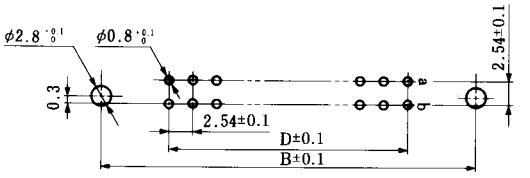




Unit:mm

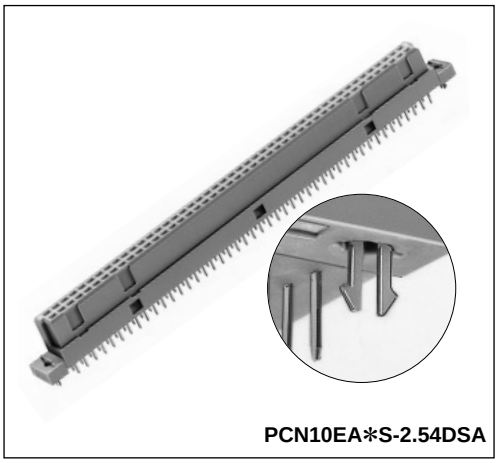
Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10C- 16S-2.54DSA	583-0226-1	16	34.04	29.04	24.04	17.78
PCN10C- 20S-2.54DSA	583-0079-9	20	39.12	34.12	29.12	22.86
PCN10C- 32S-2.54DSA	583-0033-8	32	54.36	49.36	44.36	38.1
PCN10C- 44S-2.54DSA	583-0034-0	44	69.6	64.6	59.6	53.34
PCN10C- 50S-2.54DSA	583-0035-3	50	77.22	72.22	67.22	60.96
PCN10C- 64S-2.54DSA	583-0036-6	64	95	90	85	78.74
PCN10C- 90S-2.54DSA	583-0037-9	90	128.02	123.02	118.02	111.76
PCN10C-100S-2.54DSA	583-0112-2	100	140.72	135.72	130.72	124.46

◆PCB mounting pattern

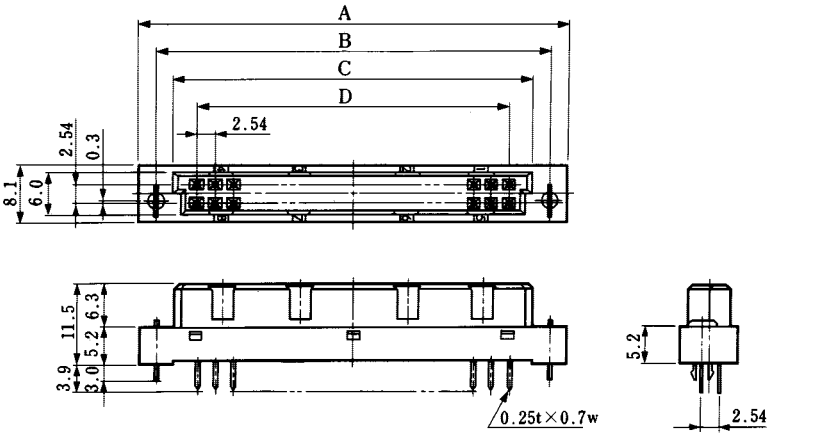


■Board Prefixed Lock Pin Type (DIN standard type B)

●Flux prevention type



PCN10EA∗S-2.54DSA

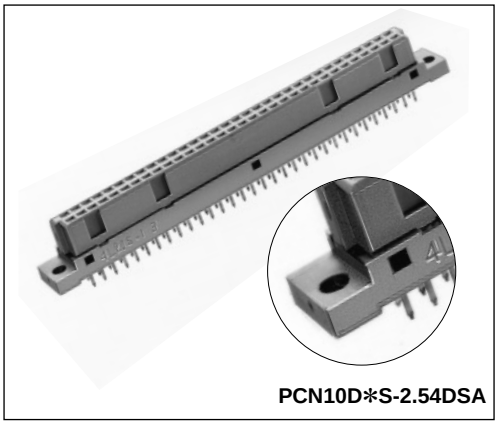


●The PCB mounting pattern is equivalent to PCN10-∗P-2.54DSA and PCN10C-∗P-2.54DSA.
(Refer to catalog page A36 and A37.)

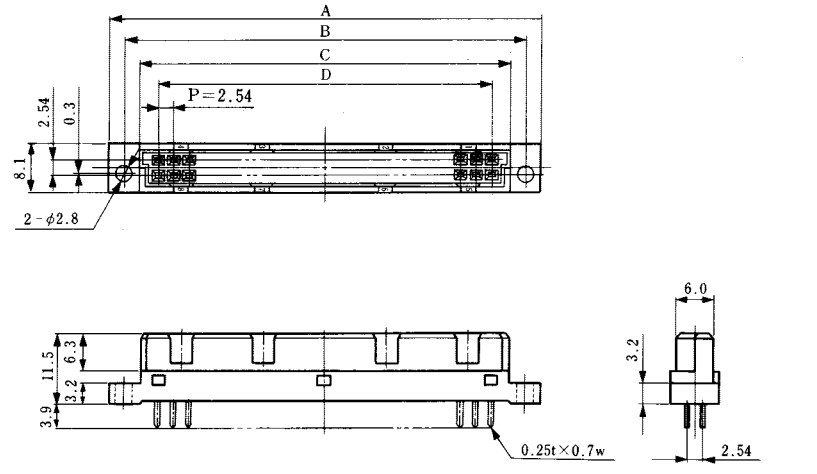
Unit:mm

Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10EA- 20S-2.54DSA	583-0188-4	20	39.12	34.12	29.12	22.86
PCN10EA- 32S-2.54DSA	583-0189-7	32	54.36	49.36	44.36	38.1
PCN10EA- 44S-2.54DSA	583-0190-6	44	69.6	64.6	59.6	53.34
PCN10EA- 50S-2.54DSA	583-0191-9	50	77.22	72.22	67.22	60.96
PCN10EA- 64S-2.54DSA	583-0192-1	64	95	90	85	78.74
PCN10EA- 90S-2.54DSA	583-0193-4	90	128.02	123.02	118.02	111.76
PCN10EA-100S-2.54DSA	583-0194-7	100	140.72	135.72	130.72	124.46

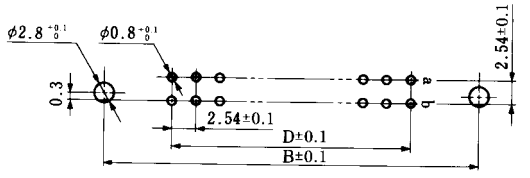
■Receptacle: 2-row Straight Type (Rack installation type)



PCN10D∗S-2.54DSA



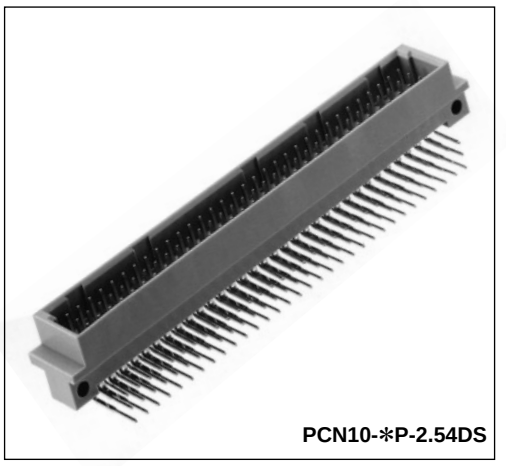
◆PCB mounting pattern

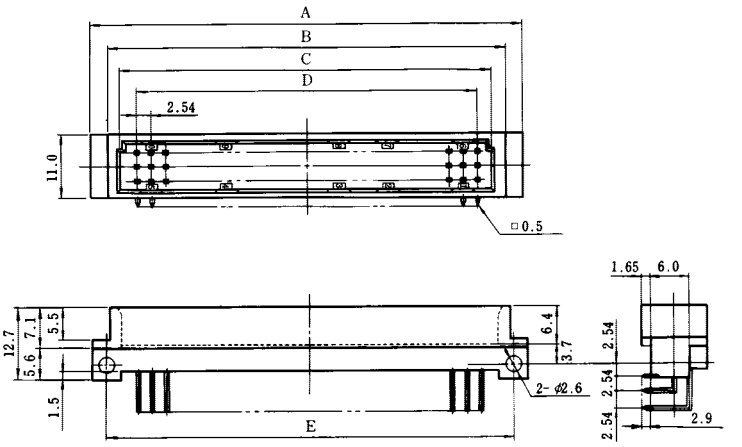


Unit:mm

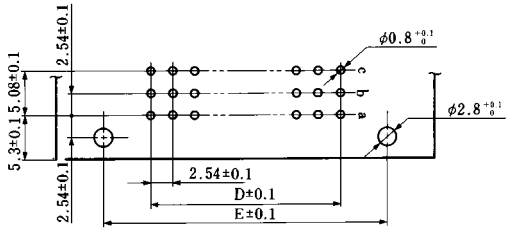
Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10D-50S-2.54DSA	583-0055-0	50	77.22	72.22	67.22	60.96
PCN10D-64S-2.54DSA	583-0056-3	64	95	90	85	78.74
PCN10D-90S-2.54DSA	583-0057-6	90	128.02	123.02	118.02	111.76

■Pin Header: 3-row Right Angle Type (DIN standard type C)





◆PCB mounting pattern

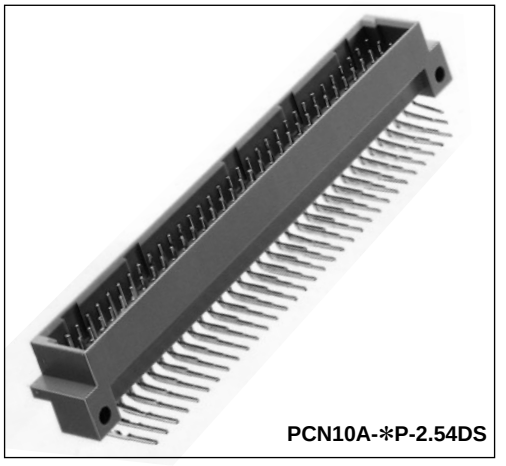


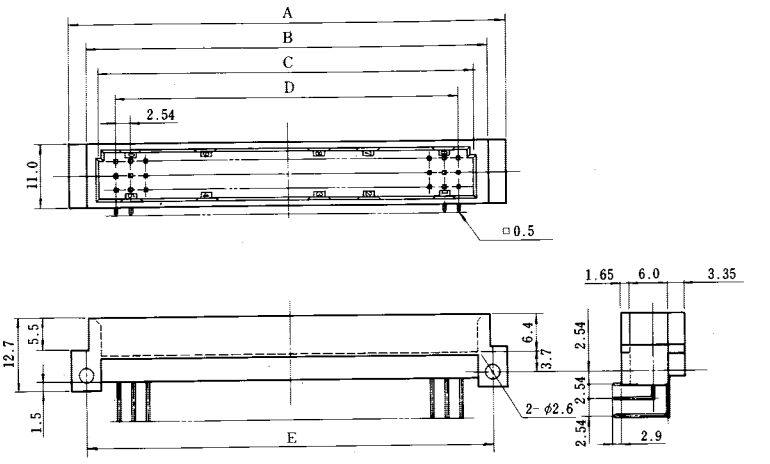
The 48 contact type contains guide key grooves at 8 points.

Unit:mm

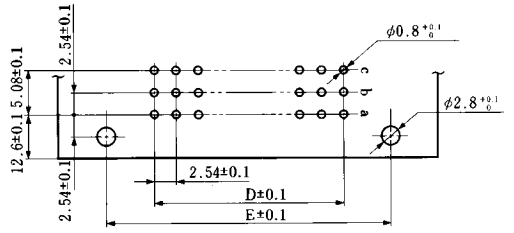
Part Number	CL No.	Number of Contacts	A	B	C	D	E
PCN10-48P-2.54DS	583-0063-9	48	53.36	47.36	44.61	38.1	48.26
PCN10-96P-2.54DS	583-0001-1	96	94	88	85.25	78.74	88.9

■Pin Header: 3-row Right Angle Type





◆PCB mounting pattern



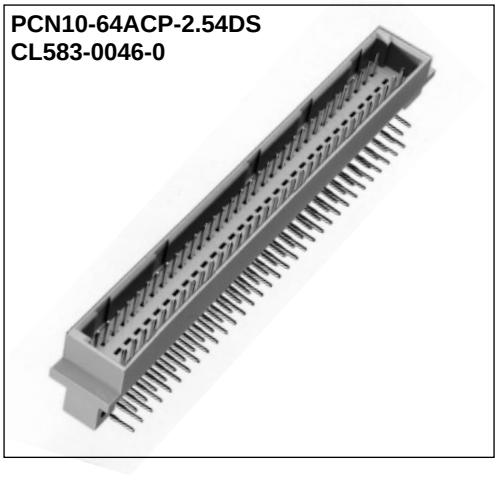
The 48 contact type contains guide key grooves at 8 points.

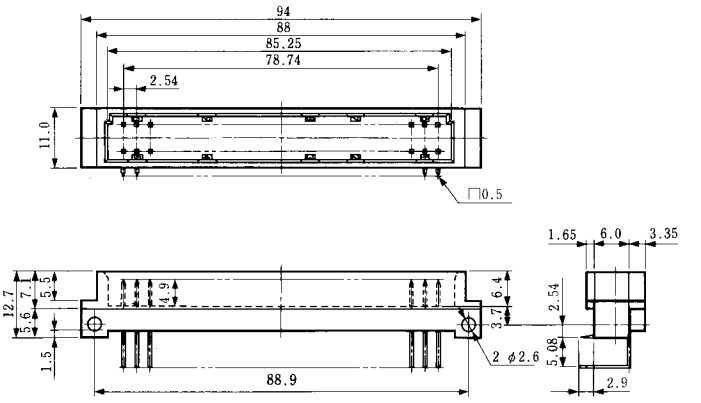
Unit:mm

Part Number	CL No.	Number of Contacts	A	B	C	D	E
PCN10A-48P-2.54DS	583-0064-1	48	53.36	47.36	44.61	38.1	48.26
PCN10A-96P-2.54DS	583-0006-5	96	94	88	85.25	78.74	88.9

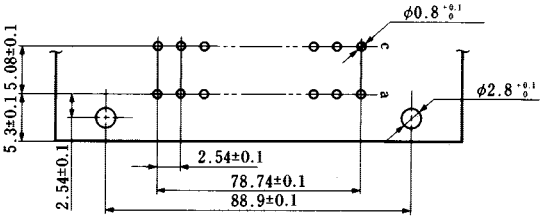
■Pin Header: Right Angle Type

PCN10-64ACP-2.54DS
CL583-0046-0



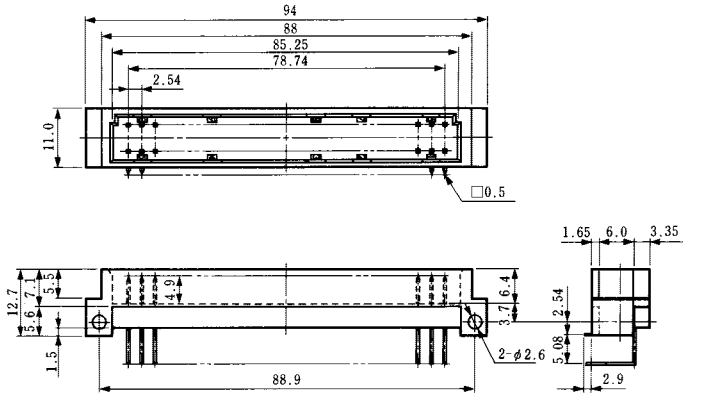


◆PCB mounting pattern

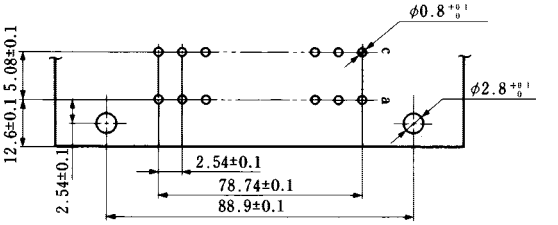


■Pin Header: Right Angle Type

PCN10A-64ACP-2.54DS
CL583-0032-5

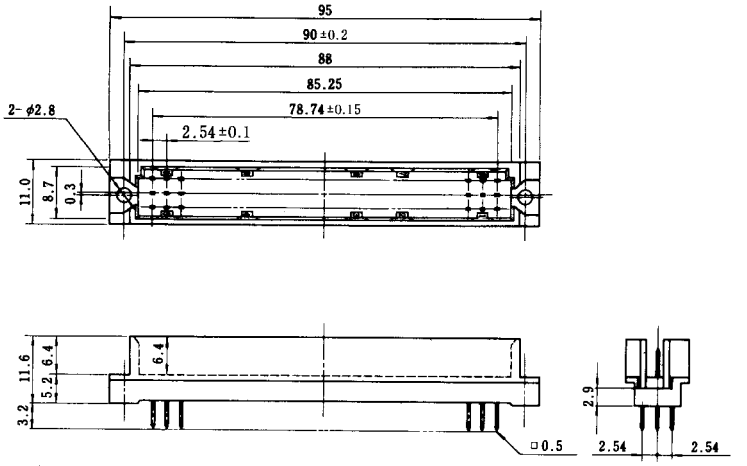


◆PCB mounting pattern

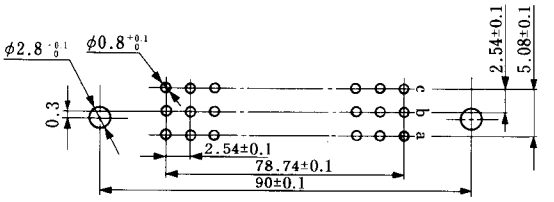


■Pin Header: 3-row Straight Type (DIN standard type R)

PCN10-96P-2.54DSA
CL583-0002-4

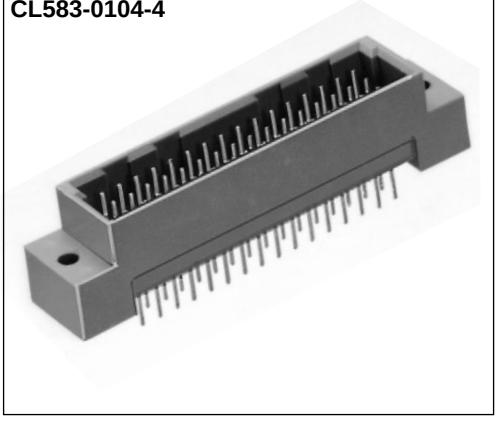


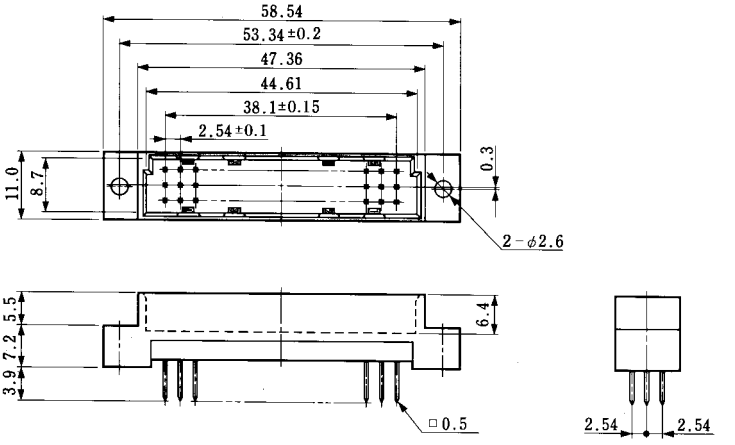
◆PCB mounting pattern



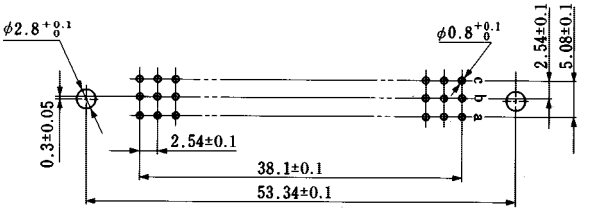
■Pin Header: 3-row Straight Type

PCN10-48P-2.54DSA
CL583-0104-4



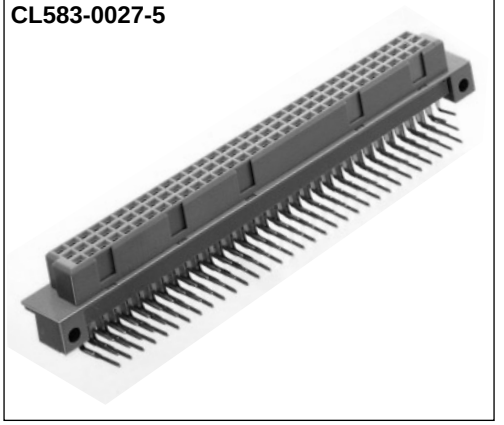


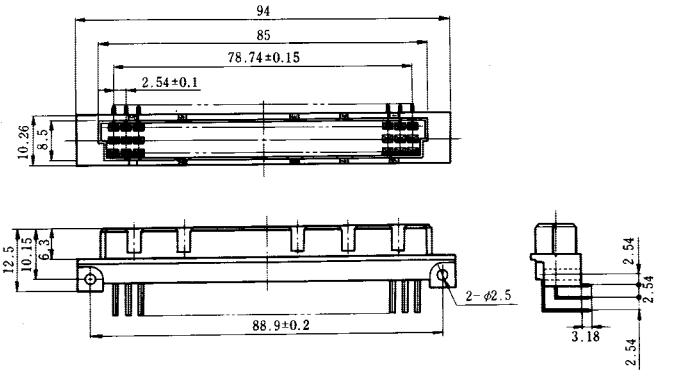
◆PCB mounting pattern



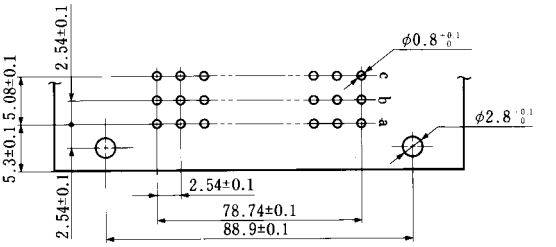
■Receptacle: 3-row Right Angle Type

PCN10A-96S-2.54DS
CL583-0027-5



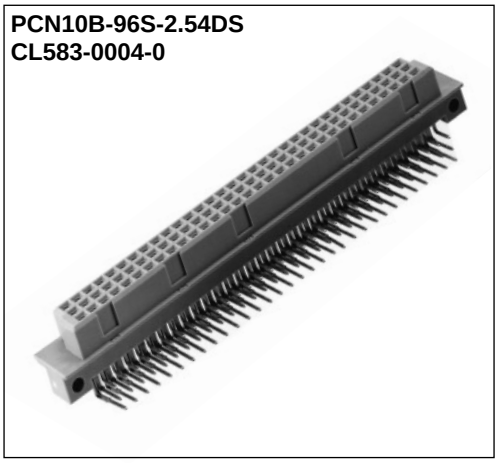


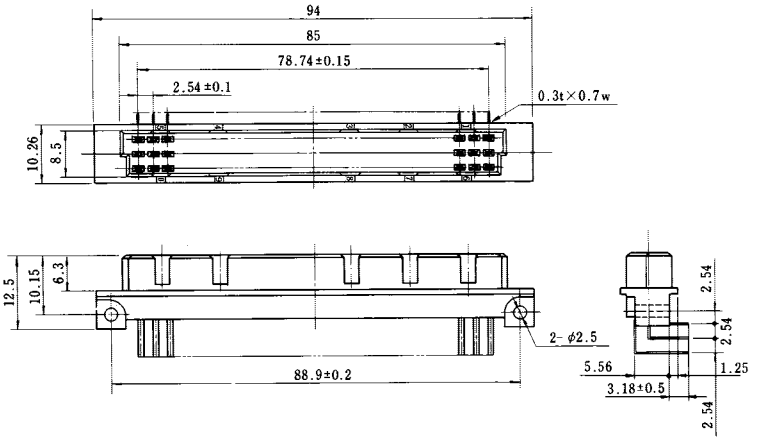
◆PCB mounting pattern



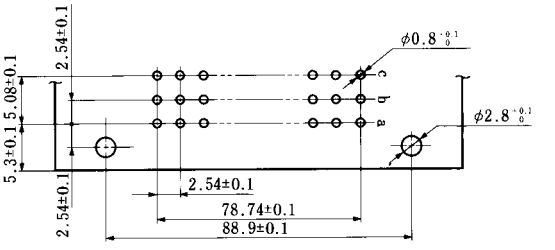
■Receptacle: 3-row Right Angle Type(DIN standard type R)

PCN10B-96S-2.54DS
CL583-0004-0



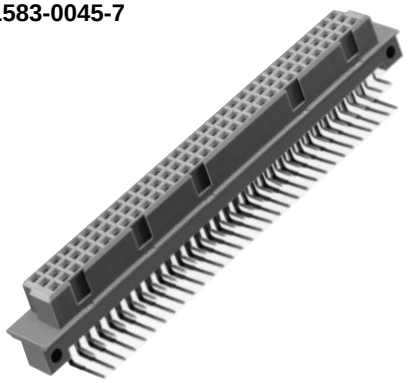


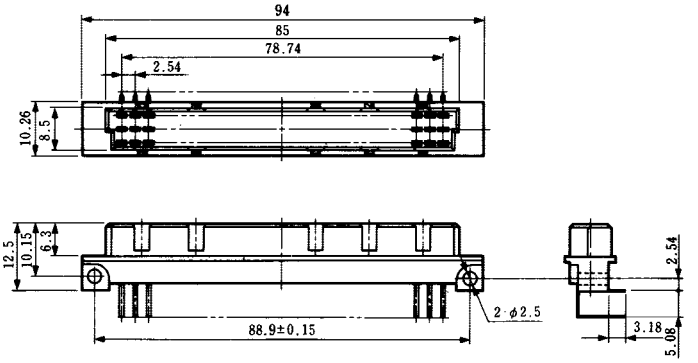
◆PCB mounting pattern



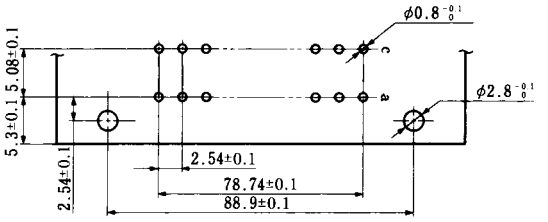
■Receptacle: 3-row Right Angle Type

PCN10B-64ACS-2.54DS
CL583-0045-7

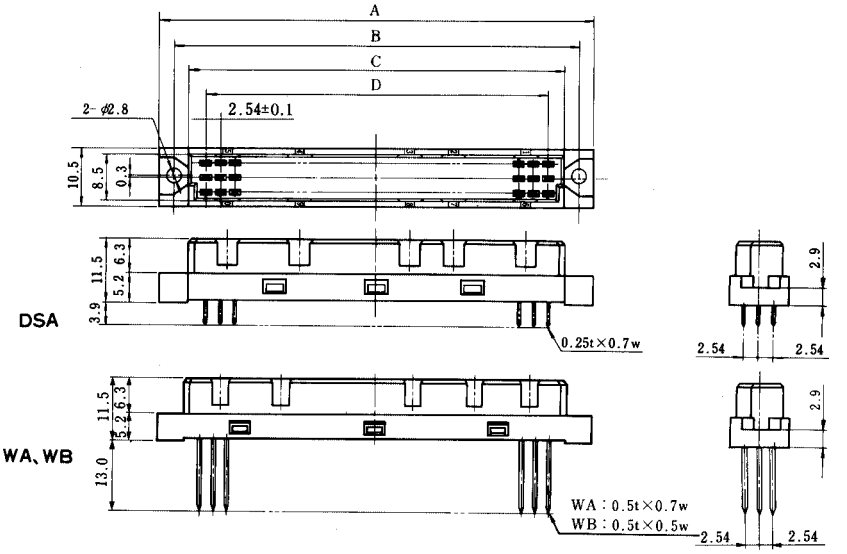




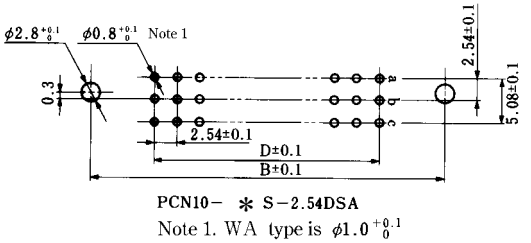
◆PCB mounting pattern



■Receptacle: 3-row Straight Type(DIN standard type C)



◆PCB mounting pattern



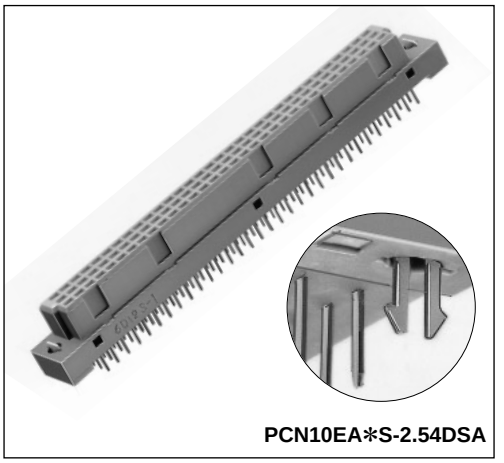
The 48 contact type contains guide key grooves at 8 points.

Unit:mm

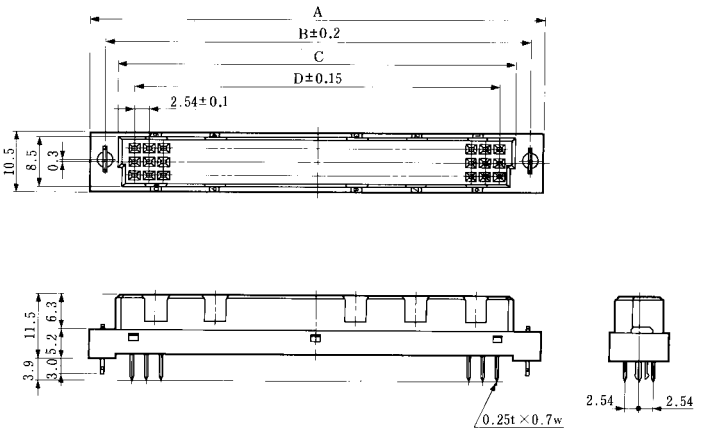
Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10-48S-2.54DSA	583-0065-4	48	54.36	50	44.36	38.1
PCN10-96S-2.54DSA	583-0003-7	96	95	90	85	78.74
PCN10-96S-2.54WA	583-0085-1	96	95	90	85	78.74
PCN10-96S-2.54WB	583-0071-7	96	95	90	85	78.74

■Receptacle: 3-row Straight Type(DIN standard type C)

●With Board prefixed lock pin



PCN10EA∗S-2.54DSA



Note: The PCB mounting pattern is equivalent to PCN10-∗S-2.54DSA.
(Refer to catalog page A36.)

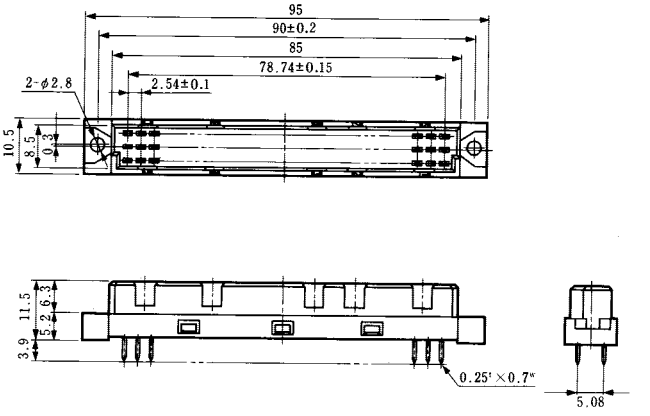
Unit:mm

	Part Number	CL No.	Number of Contacts	A	B	C	D
	PCN10EA-48S-2.54DSA	583-0195-0	48	54.36	50	44.36	38.1
Note	PCN10EA-96S-2.54DSA	583-0180-2	96	95	90	85	78.74

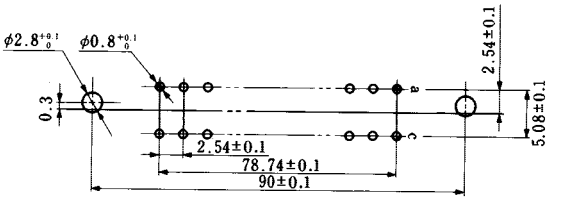
Note: Flux prevention type

■Receptacle: Straight Type

PCN10-64ACS-2.54DSA
CL583-0044-4



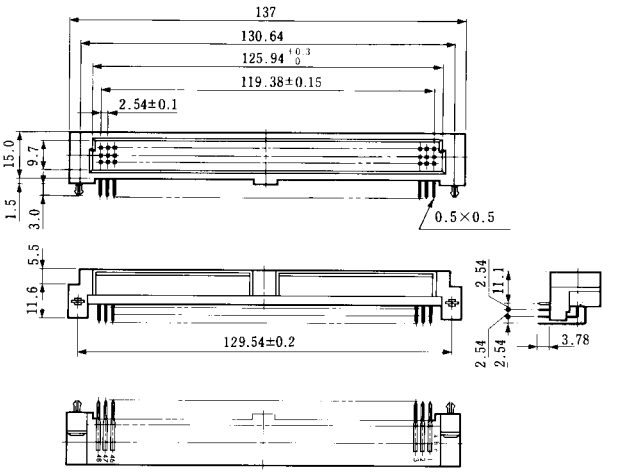
◆PCB mounting pattern



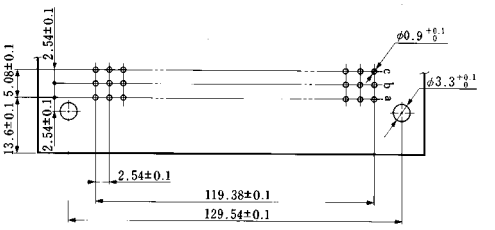
■Pin Header: 3-row Right Angle Type

●With Board prefixed lock pin

PCN10MA-144P-2.54DS
CL583-0131-7



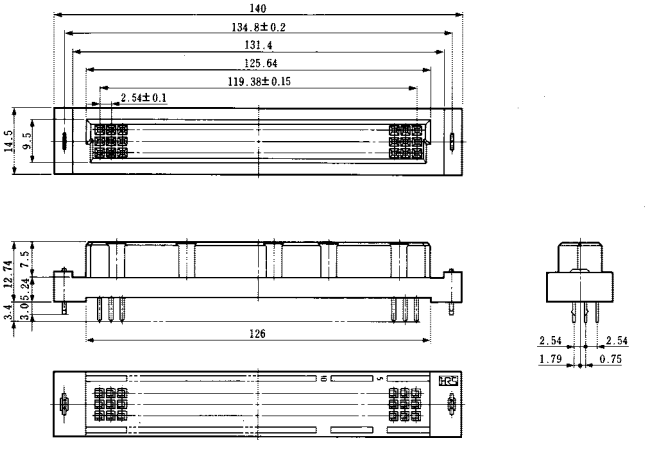
◆PCB mounting pattern



■Receptacle: 3-row Straight Type

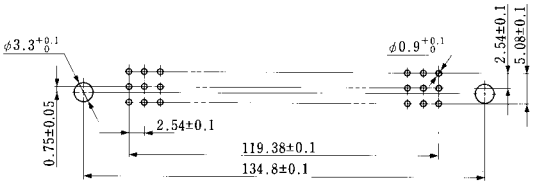
●Board prefixed lock pin attached

PCN10MA-144S-2.54DSA
CL583-0130-4



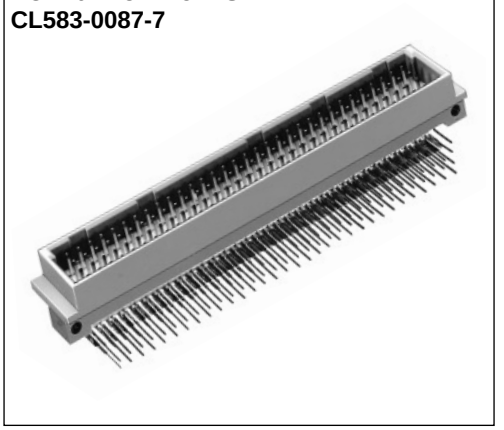
Sequential contacts are located at 27 points up to contact No.30~38 in both rows b and c.

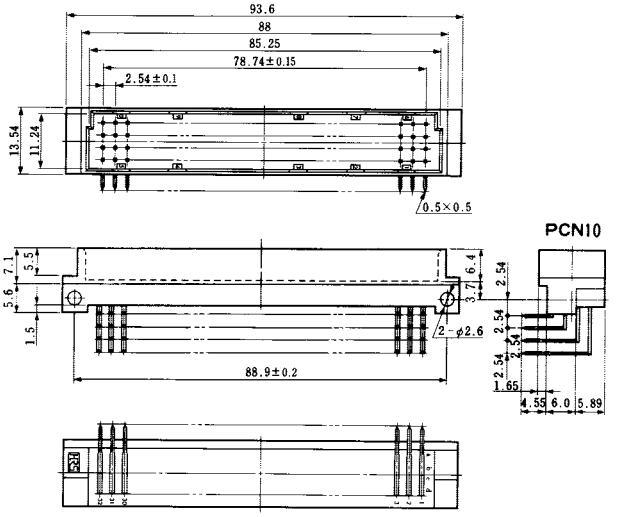
◆PCB mounting pattern



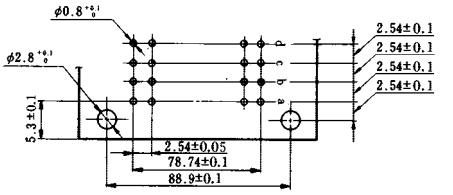
■Pin Header: 4-row Right Angle Type

PCN10-128P-2.54DS
CL583-0087-7



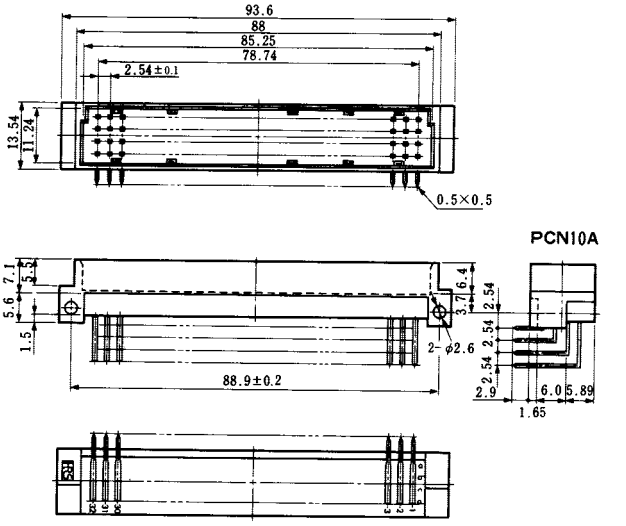


◆PCB mounting pattern

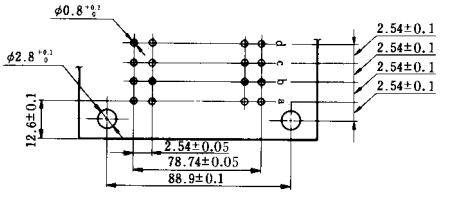


■Pin Header: 4-row Right Angle Type

PCN10A-128P-2.54DS
CL583-0088-0

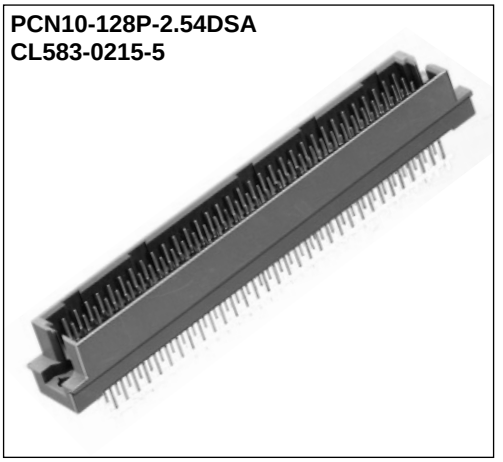


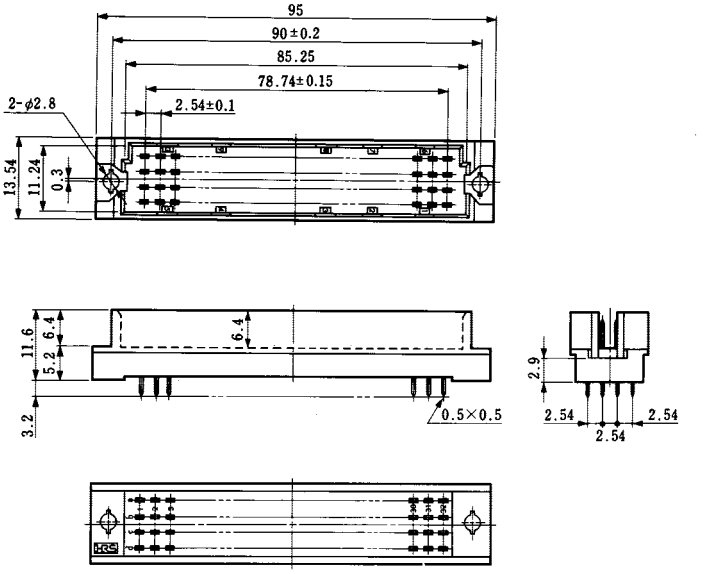
◆PCB mounting pattern



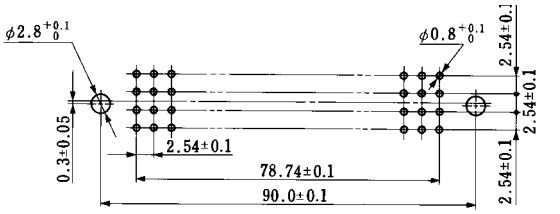
■Pin Header: 4-row Straight Type

PCN10-128P-2.54DSA
CL583-0215-5

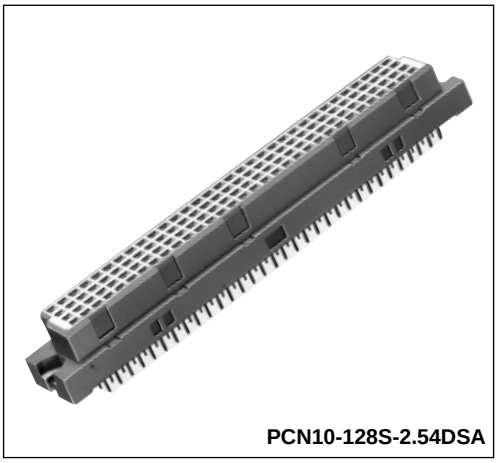


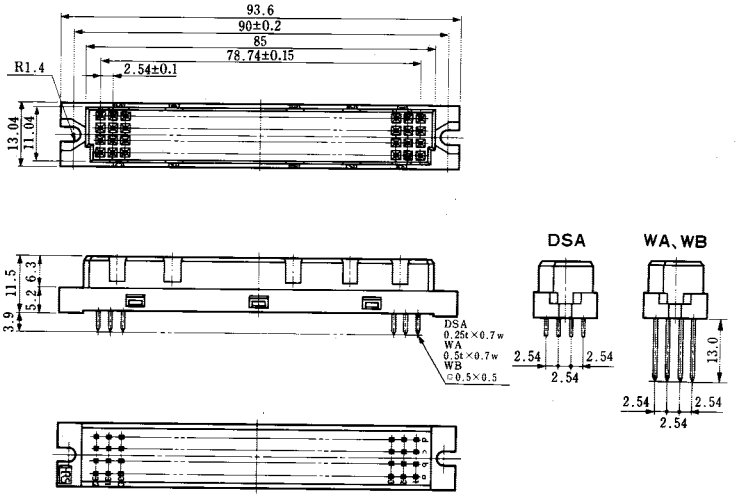


◆PCB mounting pattern

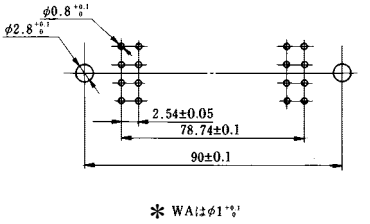


■Receptacle: 4-row Straight Type





◆PCB mounting pattern



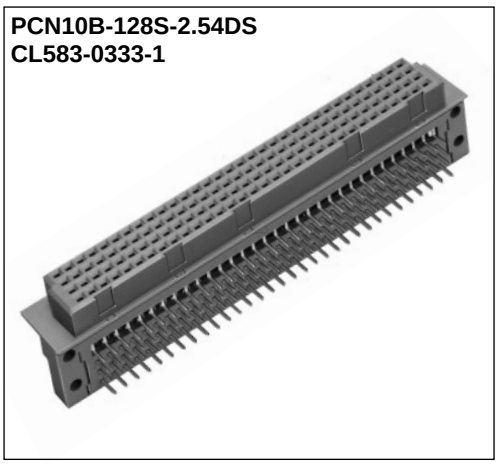
✻ WA:φ1 +0.1 0

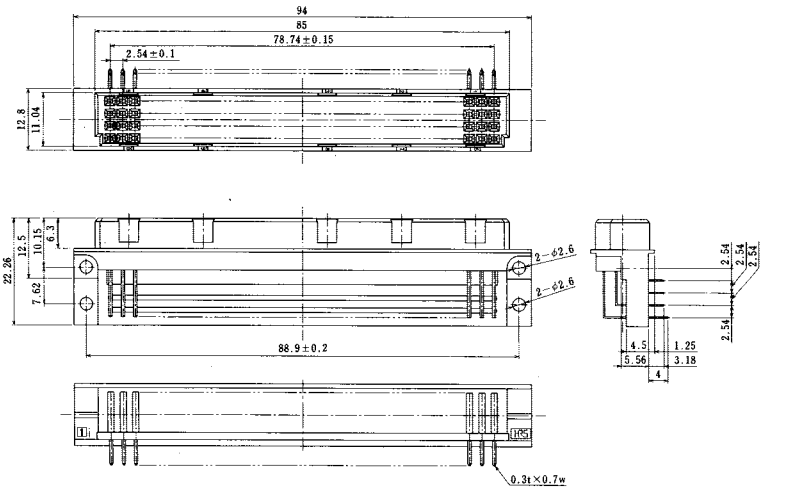
Unit:mm

Part Number	CL No.	Number of Contacts
PCN10-128S-2.54DSA	583-0089-2	128
PCN10-128S-2.54WA	583-0090-1	128
PCN10-128S-2.54WB	583-0091-4	128

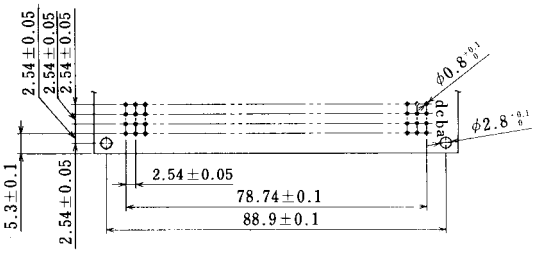
■Receptacle: 4-row Right Angle Type

PCN10B-128S-2.54DS
CL583-0333-1



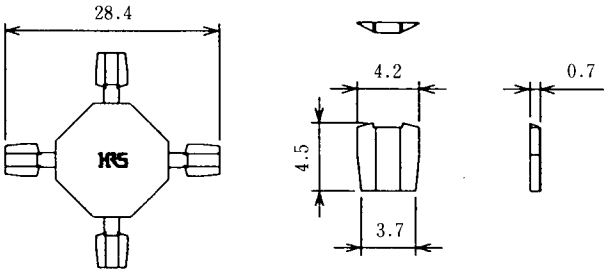


◆PCB mounting pattern



■Polarizing Key

PCN10-GK(A)

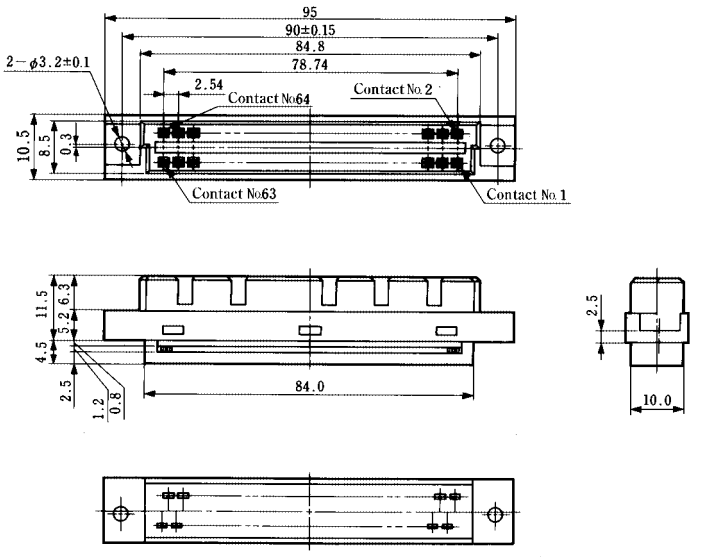


Part Number	CL No.	Material
PCN10-GK(A)	583-0269-4	PBT, black

Note: Using the polarizing key prevents connector mis-insertion in the board.
Insert the polarizing key in both connectors on the receptacle side and header side.
Insert the polarizing key so as to hit the mold bottom.

■Cable Insulation displacement Connector

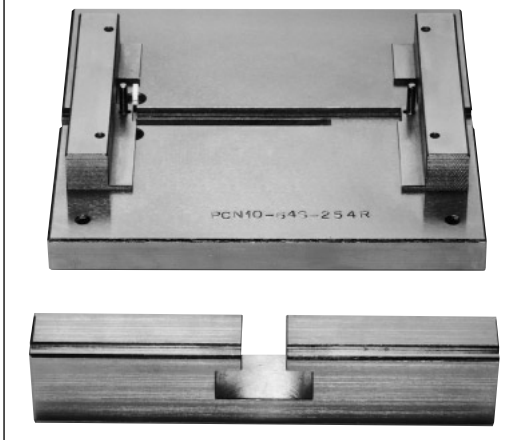
PCN10-64S-2.54R
CL583-0030-0



■Insulation displacement Tool

●Guide plate for insulation displacement + pressing block

PCN10-GPB64
CL550-0168-6



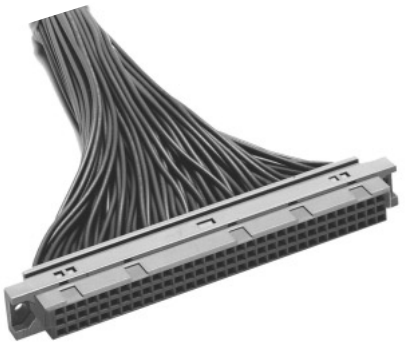
●Hi-Flex connection press

Part Number	CL No.	Height	Width	Depth	Weight
Hi-Flex connection press HHP502	550-0082-2	440mm	160mm	350mm	13kg

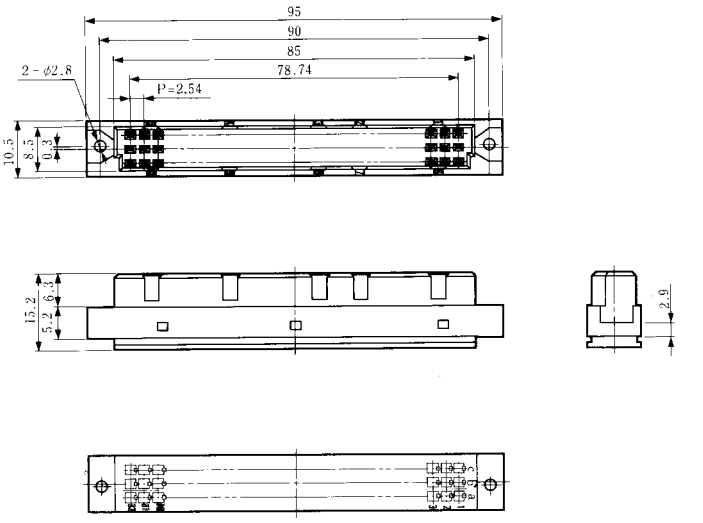
Crimping Connector Compliant with DIN Standard

■3-row Type

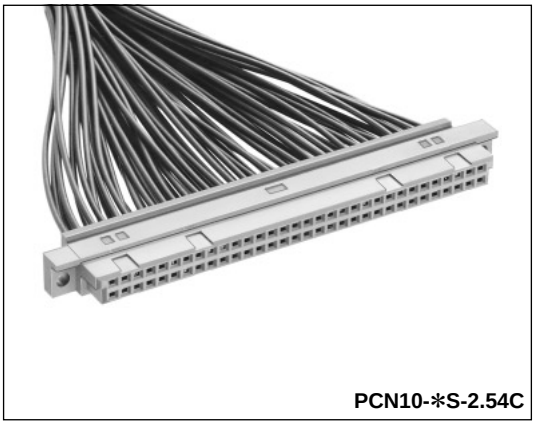
PCN10-96S-2.54C
CL583-0100-3



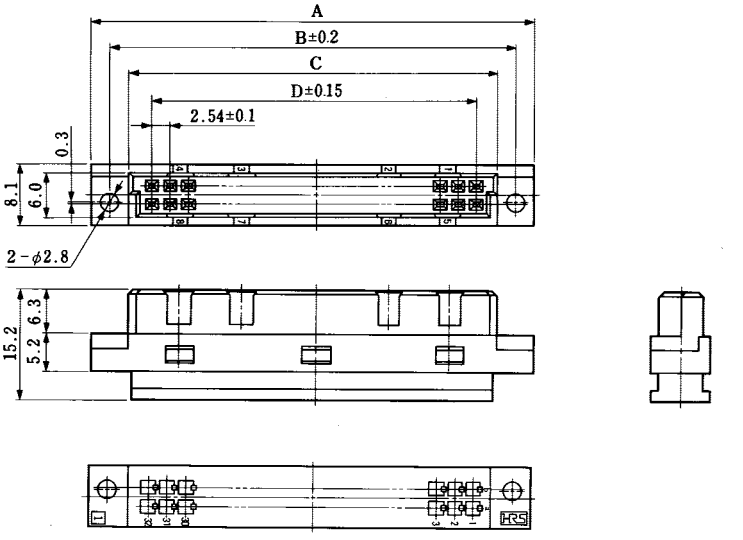
Current rated	2A	(	ID type 1A	
			Crimping type AWG#26	2A
			AWG#28·30	1A)
Voltage rated	300V AC (Crimping type 200V AC)			



■2-row Type



PCN10-∗S-2.54C



Unit: mm

Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10-20S-2.54C	583-0241-5	20	39.12	34.12	29.12	22.86
PCN10-64S-2.54C	583-0243-0	64	95	90	85	78.74

■Manual Crimping Tool

●Crimping Contact

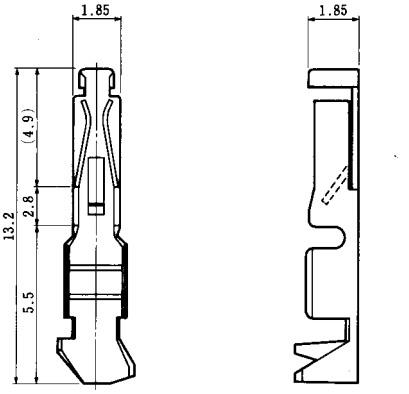
●PCN10-2630SC (Full Gold plated)
CL583-0102-9

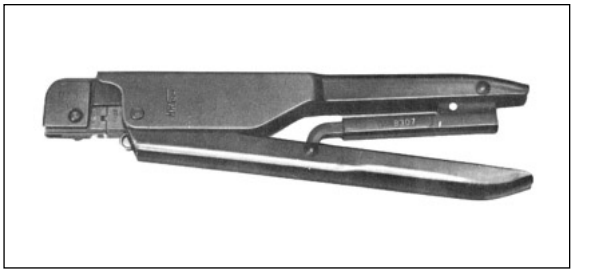
●PCN10-2226SC (Selective Gold plated)
CL583-0216-8

●Crimping tool

●PCN10-TA2630HC (PCN10-2230SC)
CL550-0163-2

●PCN10-TA2226HC (PCN10-2226SC)
CL550-0218-2





Applicable Cable

●PCN10-2630SC: AWG#26 to #30
100pcs per bag

●PCN10-2226SC: AWG#22 to #26
100pcs per bag

■Automatic Crimping Tool

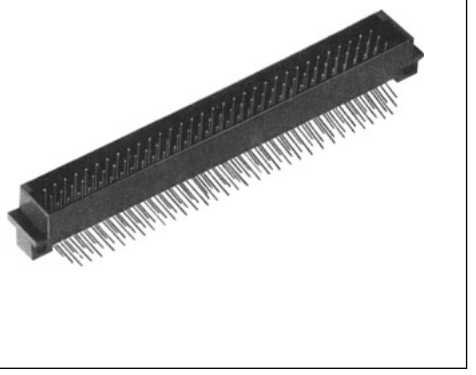
Item	Part Number	CL No.	Applicable Contact
Crimping tool unit	CM-105	901-0005-4	————————
Applicator	AP105-PCN10-2226S	901-3506-6	PCN10-2226SCF
	AP105-PCN10-2630S	901-3508-1	PCN10-2630SCF

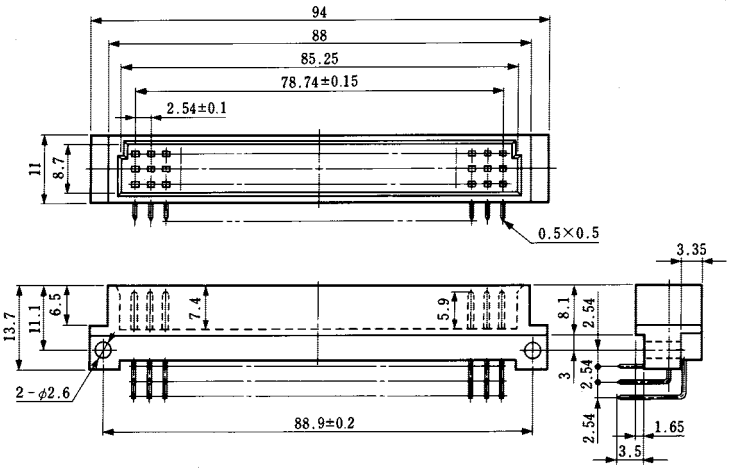
■Contact Extraction Tool

Part Number	CL No.
PCN10-PO	550-0282-1

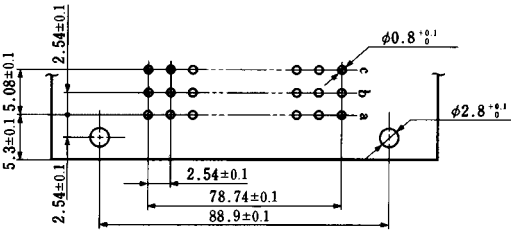
■Pin Header: 3-row Right Angle Type

PCN10MC-96P-2.54DS
CL583-0120-0



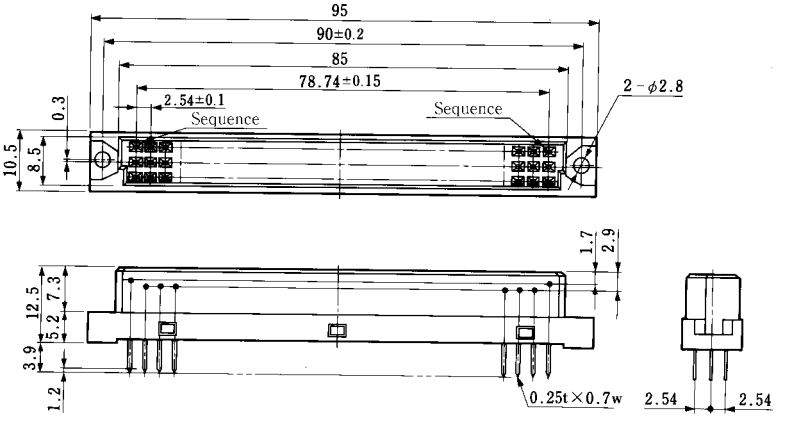


◆PCB mounting pattern



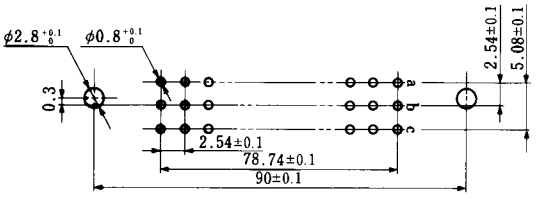
■Receptacle: 3-row Straight Type

PCN10MC-96S-2.54DSA
CL583-0169-0



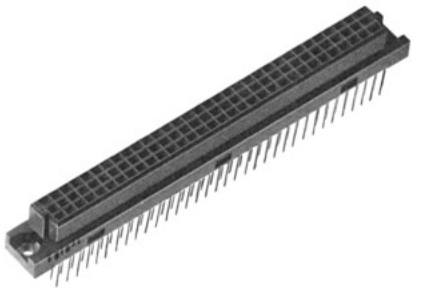
The sequential contacts are No. 1 and No. 32 in the row a.

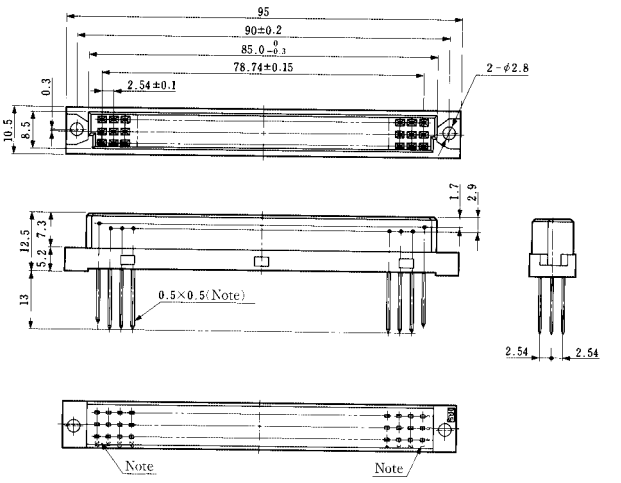
◆PCB mounting pattern



■Receptacle: 3-row Wrapping Type

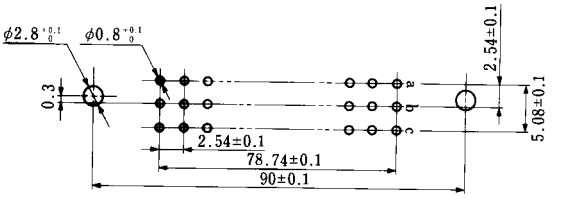
PCN10MC-96S-2.54WB
CL583-0119-1





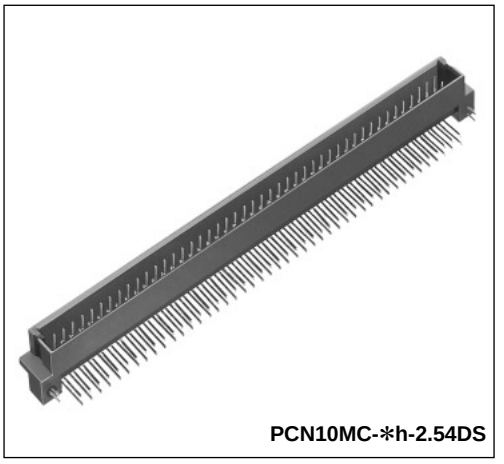
Note: The sequential contacts are No. 1 and No. 32 in row a.

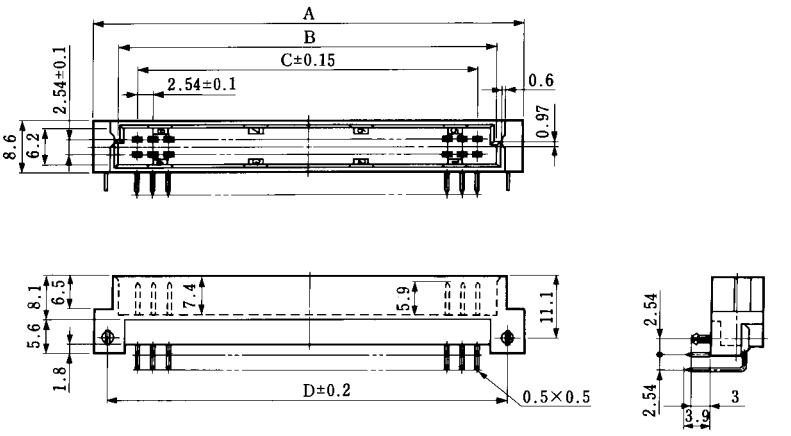
◆PCB mounting pattern



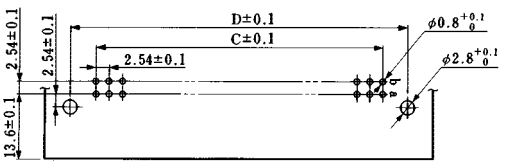
■Pin Header: 2-row Right Angle Type

PCN10MC-∗P-2.54DS





◆PCB mounting pattern

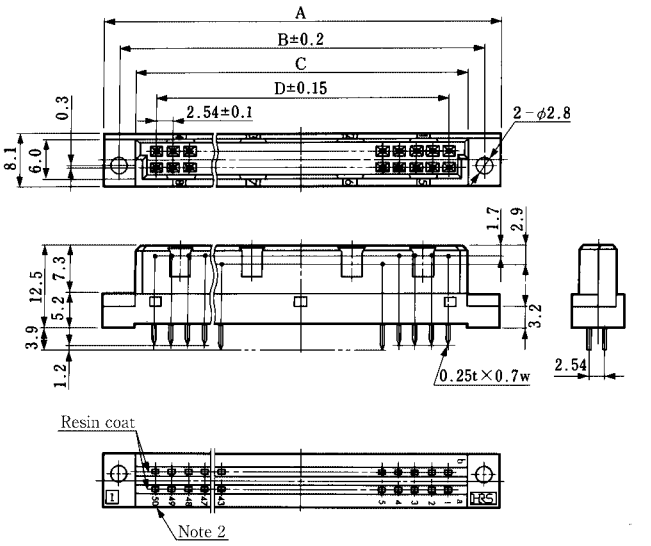


Unit:mm

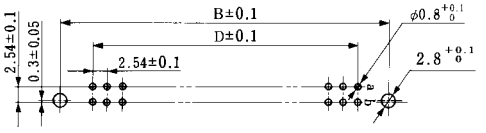
Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10MC- 64P-2.54DS	583-0211-4	64	94	85.35	78.74	88.9
PCN10MC-100P-2.54DS	583-0212-7	100	139.72	131.07	124.46	134.62

■Receptacle: 2-row Straight Type

PCN10MC-*S-2.54DSA



◆PCB mounting pattern

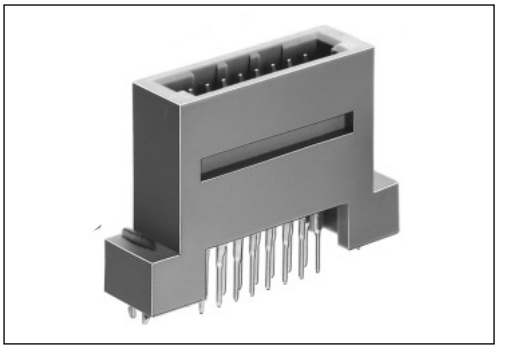


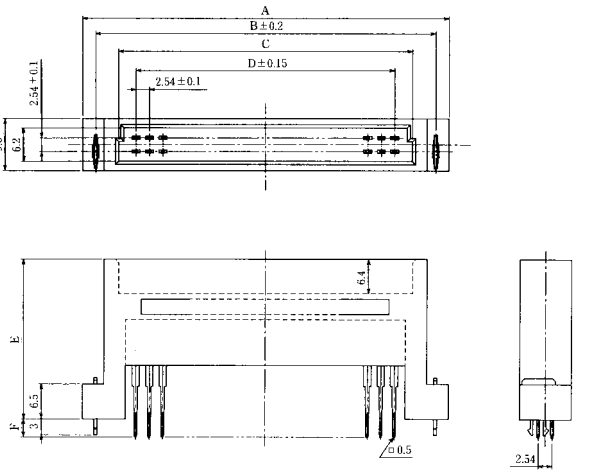
Note 2:
(64 contacts): The sequential contacts are located at 27 points of 1 to 4 and 26 to 32 in both rows a and b.
(100 contacts): The sequential contacts are located at 22 points of 1 to 4 and 44 to 50 in both rows a and b.

Unit:mm

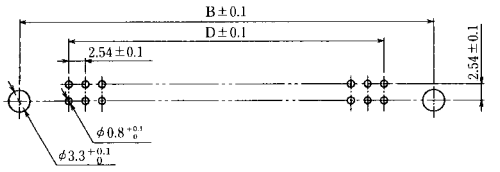
Part Number	CL No.	Number of Contacts	A	B	C	D
PCN10MC- 64S-2.54DSA	583-0213-0	64	95	90	85	78.74
PCN10MC-100S-2.54DSA	583-0214-2	100	140.72	135.72	130.72	124.46

■Stacking Plug

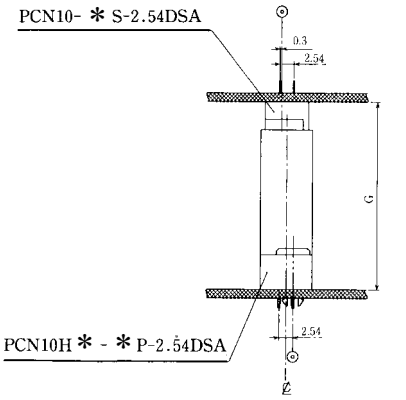




◆PCB mounting pattern



◆Application Pattern



Unit: mm

Part Number	CL No.	Number of Contacts	A	B	C	D	E	F	G
PCN10H-16P-2.54DSA	583-0227-4	16	37.92	33.02	24.39	17.78	29.8	3.44	35
PCN10H-20P-2.54DSA	583-0157-0	20	43	38.1	29.47	22.86			
PCN10H-24P-2.54DSA	583-0425-8	24	48.08	43.18	34.55	27.94			
PCN10H-32P-2.54DSA	583-0161-8	32	58.24	53.34	44.71	38.1			
PCN10H-44P-2.54DSA	583-0164-6	44	73.48	68.58	59.95	53.34			
PCN10H-50P-2.54DSA	583-0401-0	50	81.1	76.2	67.57	60.96			
PCN10HA-16P-2.54DSA	583-0228-7	16	37.92	33.02	24.39	17.78	24.8	3.36	30
PCN10HA-20P-2.54DSA	583-0158-3	20	43	38.1	29.47	22.86			
PCN10HA-24P-2.54DSA	583-0426-0	24	48.08	43.18	34.55	27.94			
PCN10HA-32P-2.54DSA	583-0162-0	32	58.24	53.34	44.71	38.1			
PCN10HA-44P-2.54DSA	583-0165-9	44	73.48	68.58	59.95	53.34			
PCN10HA-50P-2.54DSA	583-0402-2	50	81.1	76.2	67.57	60.96			
PCN10HB-16P-2.54DSA	583-0229-0	16	37.92	33.02	24.39	17.78	19.8	3.28	25
PCN10HB-20P-2.54DSA	583-0159-6	20	43	38.1	29.47	22.86			
PCN10HB-24P-2.54DSA	583-0427-3	24	48.08	43.18	34.55	27.94			
PCN10HB-32P-2.54DSA	583-0163-3	32	58.24	53.34	44.71	38.1			
PCN10HB-44P-2.54DSA	583-0166-1	44	73.48	68.58	59.95	53.34			
PCN10HB-50P-2.54DSA	583-0403-5	50	81.1	76.2	67.57	60.96			
PCN10HC-16P-2.54DSA	583-0397-4	16	37.92	33.02	24.39	17.78	39.8	3.30	45
PCN10HC-44P-2.54DSA	583-0399-0	44	73.48	68.58	59.95	53.34			
PCN10HC-50P-2.54DSA	583-0404-8	50	81.1	76.2	67.57	60.96			
PCN10HD-16P-2.54DSA	583-0398-7	16	37.92	33.02	24.39	17.78	34.8	4.42	40
PCN10HD-24P-2.54DSA	583-0429-9	24	48.08	43.18	34.55	27.94			
PCN10HD-44P-2.54DSA	583-0400-7	44	73.48	68.58	59.95	53.34			
PCN10HD-50P-2.54DSA	583-0405-0	50	81.1	76.2	67.57	60.96			

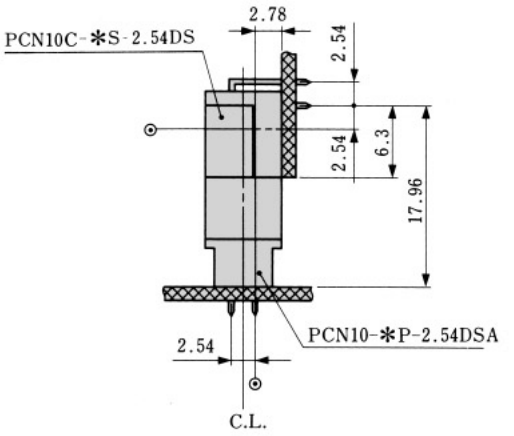
Note: Please note that the above series can not mate with PCN10EA series.

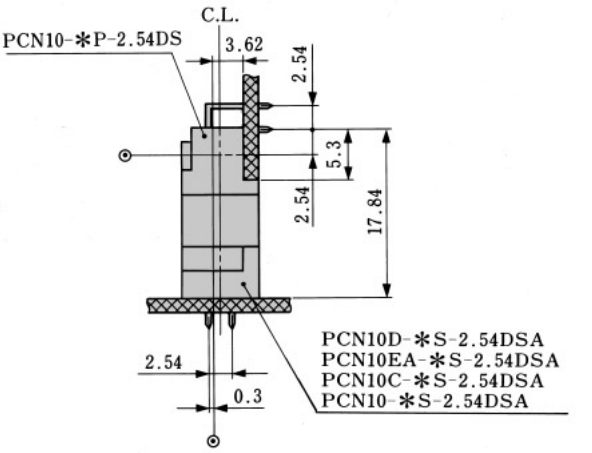
◆Application Pattern

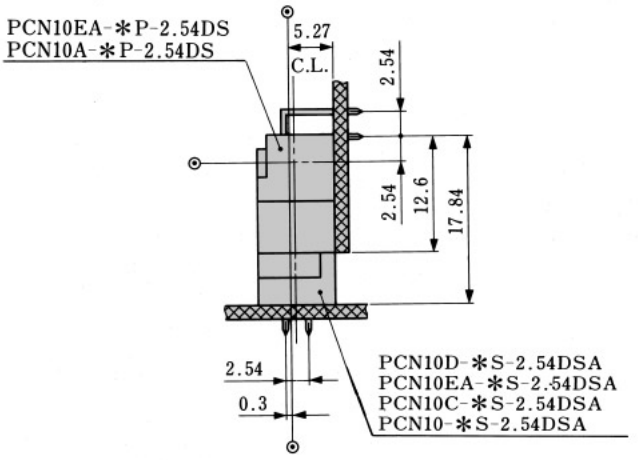
●Vertical Connection

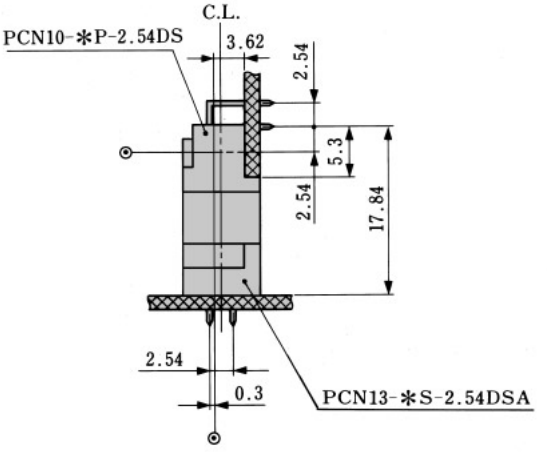
◉ : Mounting hole center
C.L. : Center line

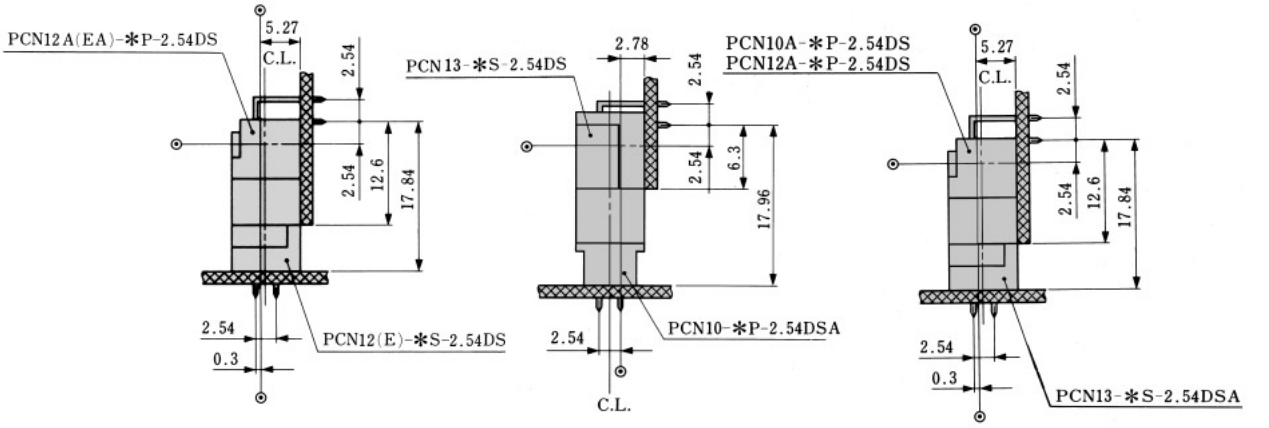
●2-row type





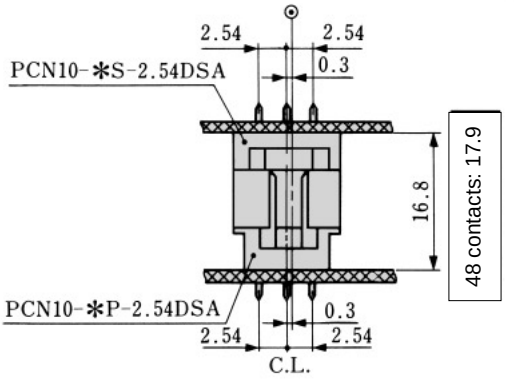


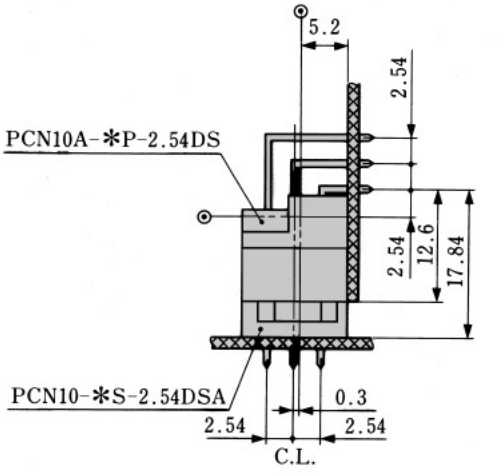


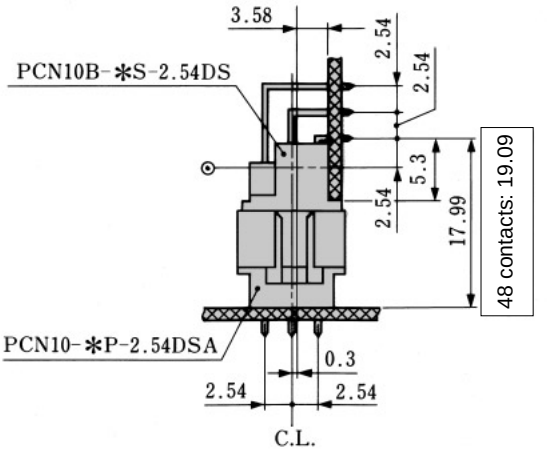


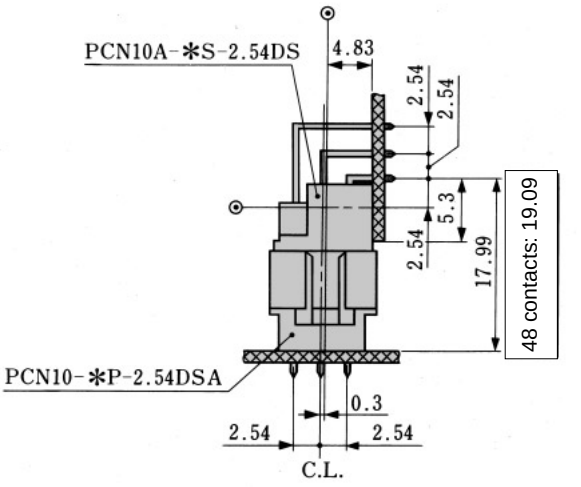
●3-row type

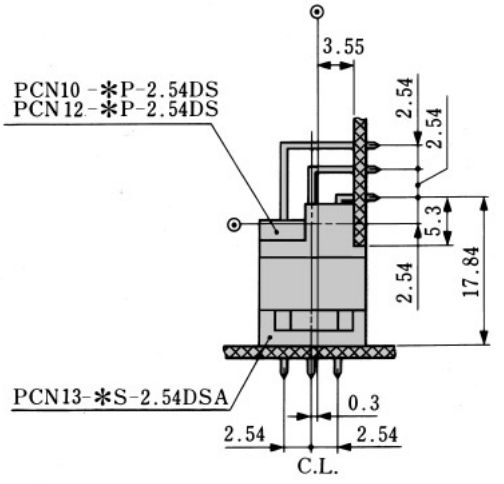
◉ : Mounting hole center
C.L. : Center line

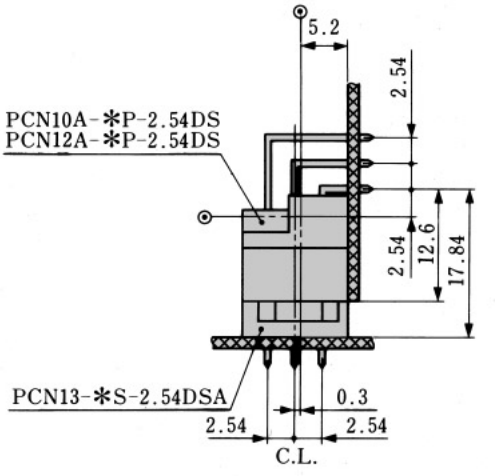




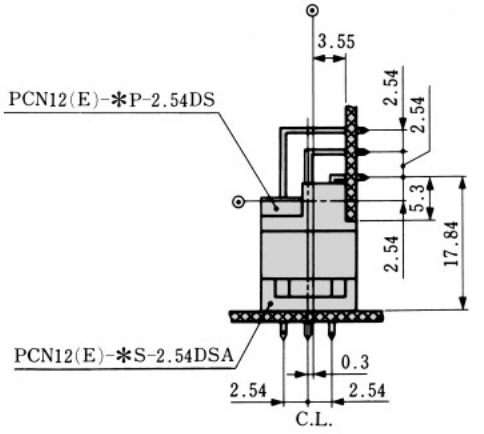


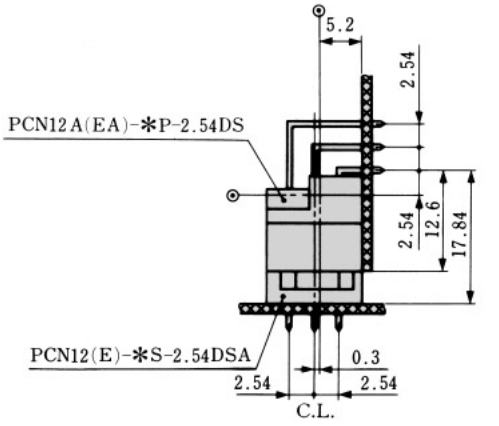


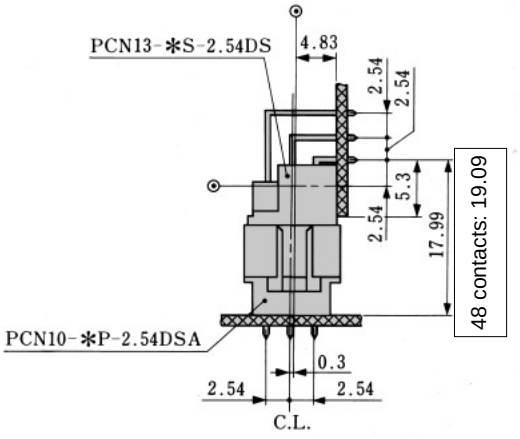




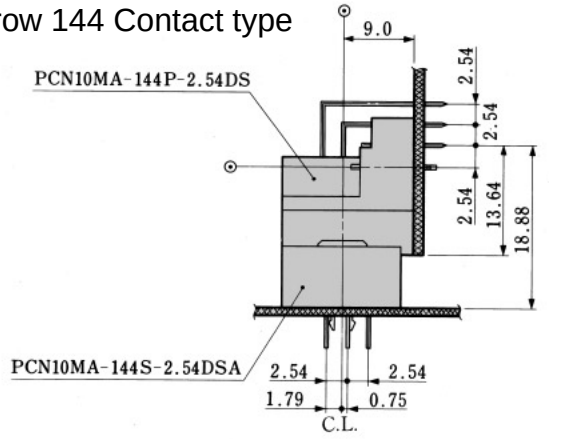
◉ : Mounting hole center
C.L. : Center line



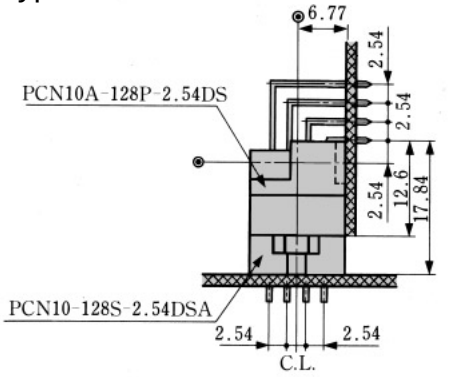


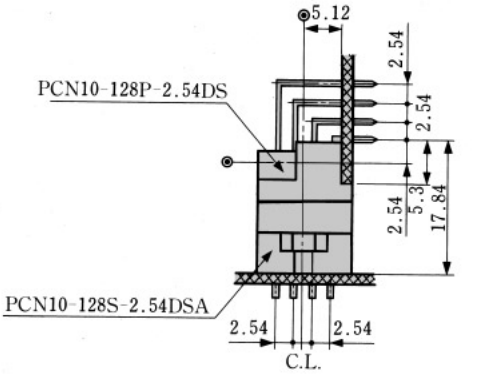


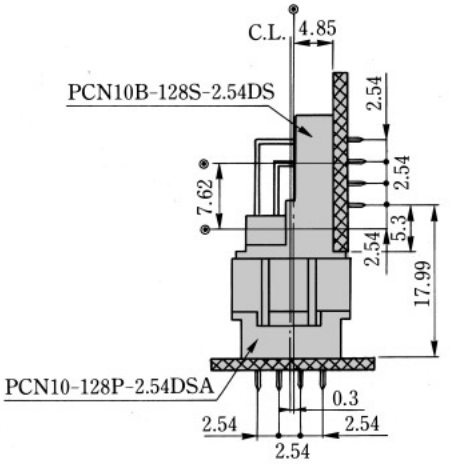
●3-row 144 Contact type



●4-row type





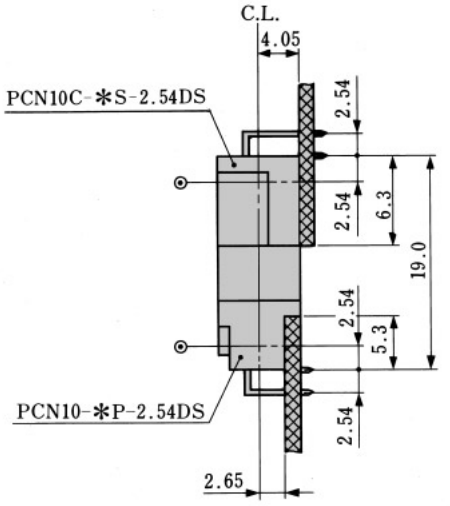


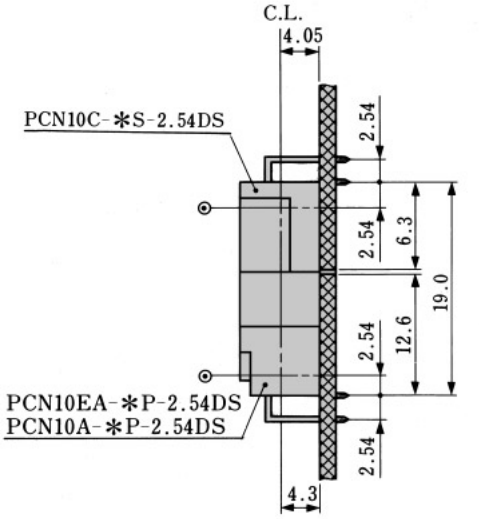
◆Application Pattern

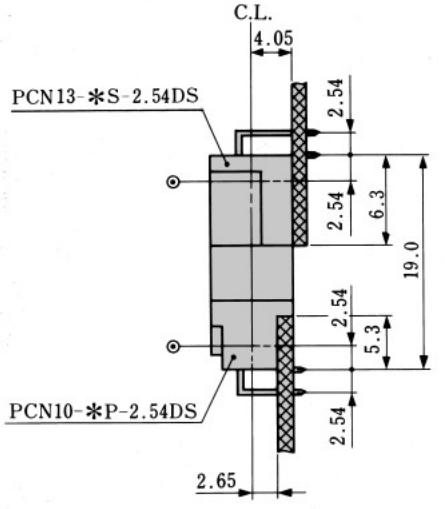
●Horizontal Connection

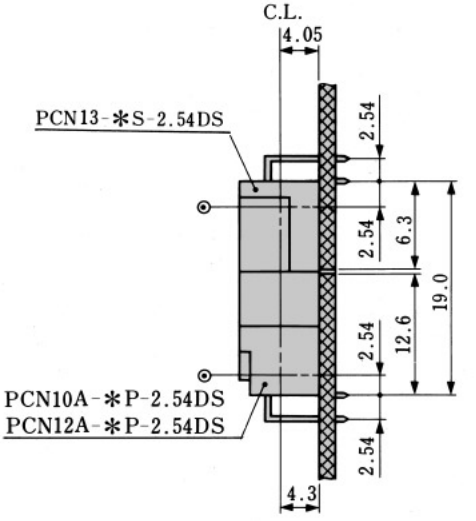
◉ : Mounting hole center
C.L. : Center line

●2-row type

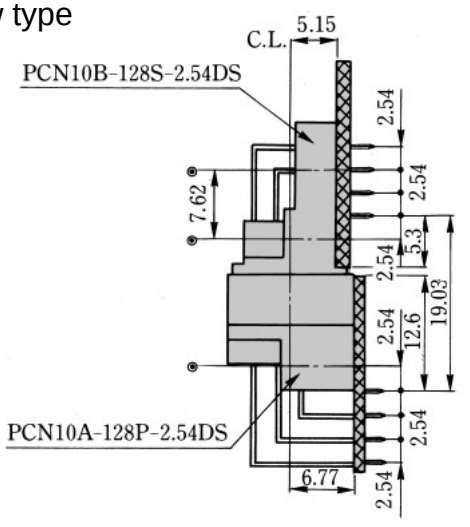


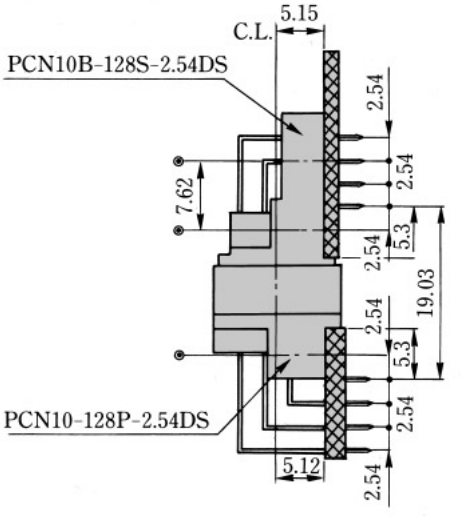






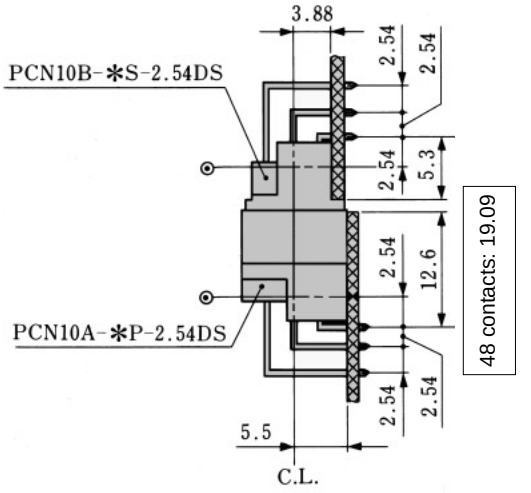
●4-row type

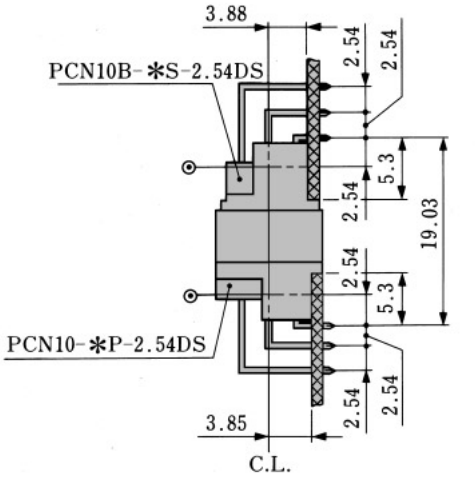


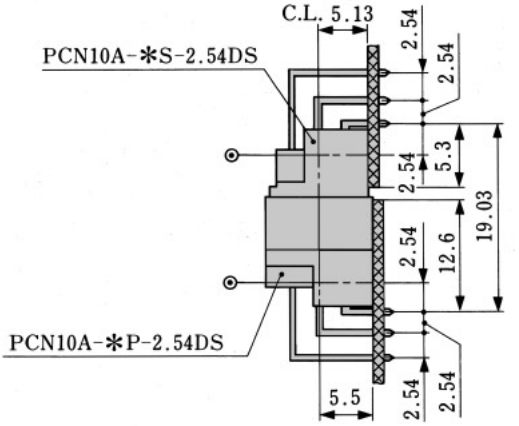


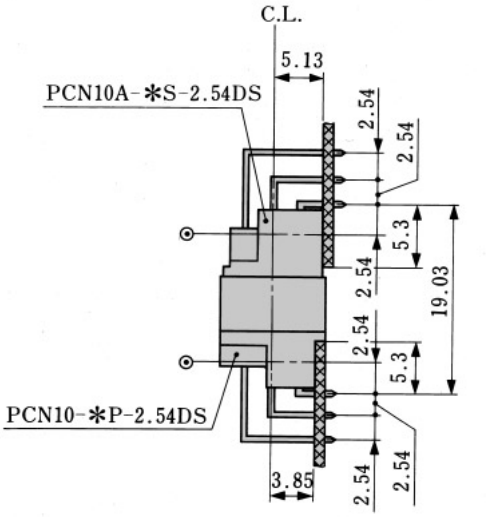
◉ : Mounting hole center
C.L. : Center line

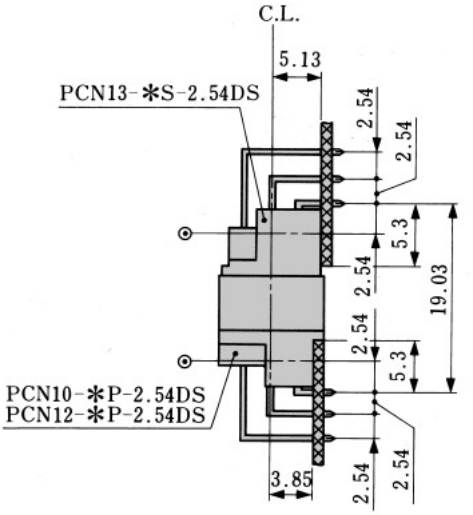
●3-row type

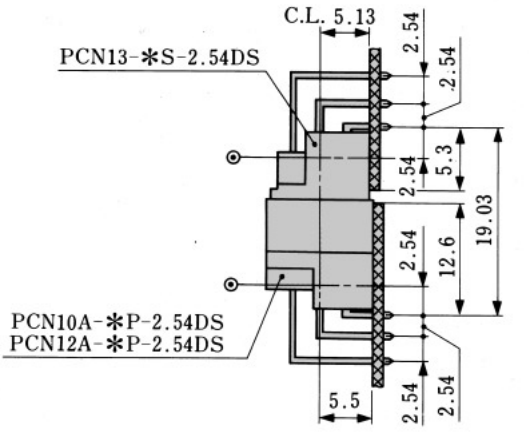










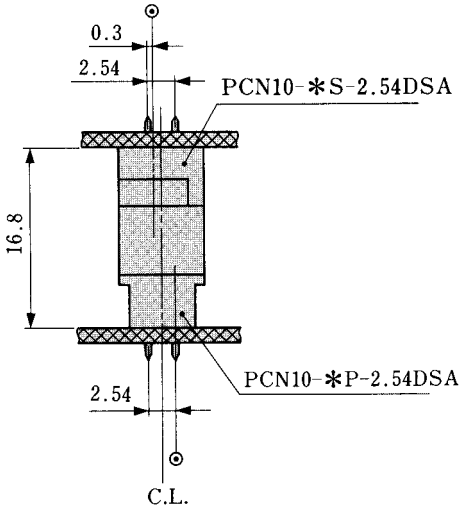


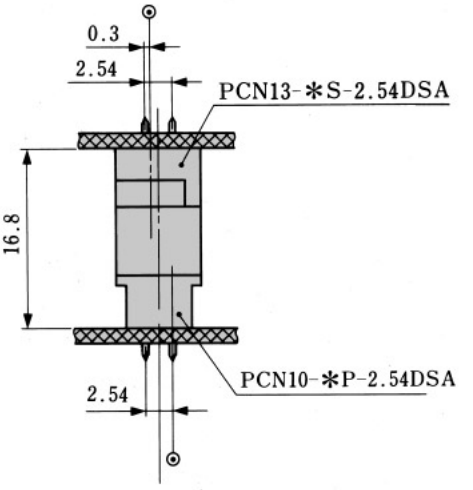
◆Application Pattern

●Horizontal Connection

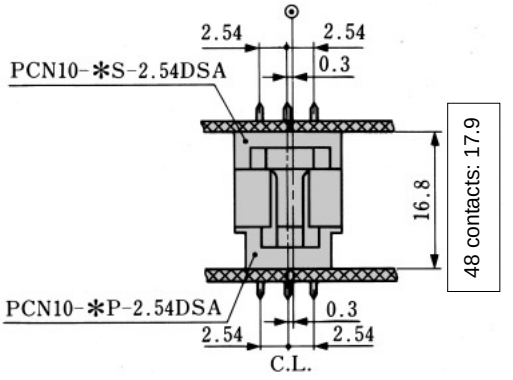
◉ : Mounting hole center
C.L. : Center line

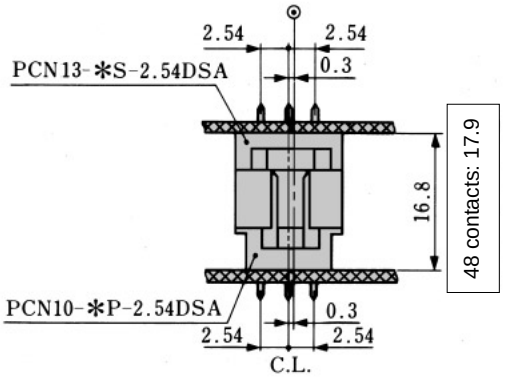
●2-row type





●3-row type





●4-row type